9-1005-208-35

TM 9-1005-208-35

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DS, GS, AND DEPOT MAINTENANCE MANUAL

INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS

RIFLE CALIBER .30, AUTOMATIC: BROWNING, M1918A2, W/E (1005-674-1309)

HEADQUARTERS, DEPARTMENT OF THE ARMY

MARCH 1970

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TECHNICAL MANUAL

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WASHINGTON, D.C., *11 March 1970*

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RIFLE CALIBER .30, AUTOMATIC:

BROWNING, M1918A2, W / E

(1005-674-1309)

This manual is current as of 26 June 1969

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* This manual supersedes TM 9-1005-208-35, 22 September 1964, in its entirety; and TM 9-1005-208-35P, 13 February 1964 in its entirety, including changes.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

These instructions are in accordance with the MAC (refer to TM 9-1005-208-12) and are published for the use of direct support, general support, and depot maintenance of the Caliber .30 Browning Automatic Rifle M1918A2 (fig 1-1). They provide information on the maintenance of the equipment which is beyond the scope of the tools, equipment, or supplies normally available to operator's or organizational maintenance.

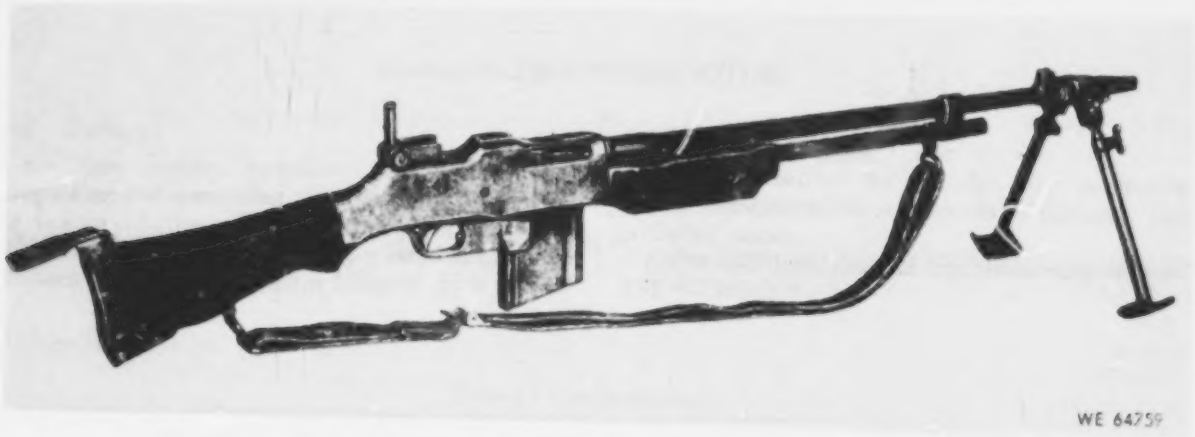


Figure 1-1. Caliber .30 Browning Automatic Rifle M1918A2.

1-2. Forms and Records

Maintenance forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750.

1-3. Recommendations for Equipment Publications Improvements

Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended changes to DA Publications) and forwarded direct to:

Commanding General
U.S. Army Weapons Command
ATTN: AMSWE-SMM-P
Rock Island, Illinois 61201

Section II. DESCRIPTION AND DATA

1-4. Description and Tabulated Data

Refer to TM 9-1005-208-12.

CHAPTER 2

DIRECT SUPPORT, GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

Section I. REPAIR PARTS, SPECIAL TOOLS AND EQUIPMENT

2-1. Repair Parts

a. *Operator and Organizational Maintenance.* Refer to TM 9-1005-208-12.

b. *Direct Support, General Support and Depot Maintenance.* Refer to appendix B.

2-2. Special Tools and Equipment

Refer to appendix B.

Section II. TROUBLESHOOTING

2-3. General

a. This section provides information for diagnosing and correcting unsatisfactory operation or failure of the rifles and their components. Malfunctions which may occur are listed in table 2-1. Each malfunction stated is followed by a list of probable causes of the trouble. The corrective action recommended is described opposite the probable cause.

b. For additional data on troubleshooting refer to TM 9-1005-208-12.

Table 2-1 Troubleshooting

Malfunction	Probable Cause	Corrective action
1. Magazine inserts with diffuculty	Damage to or restricted movement to magazine catch	Replace magazine catch (6, fig B-2)
2. Magazine fails to hold in rifle	a. Magazine catch damaged or deformed	a. Replace magazine catch (6, fig B-2)
	b. Magazine catch spring weak or broken	b. Replace magazine catch spring (4, fig B-2)
3. Failure to feed	Worn or broken magazine catch	Replace magazine catch (6, fig B-2)
4. Failure of slide to cock	Damaged sear or sear notch in slide	Replace slide assembly (3, fig B-5) or sear (10, fig B-2)
5. Failure to fire	a. Defective sear of hammer	a. Replace sear (10, fig B-2) or hammer (7, fig B-1)
	b. Broken firing pin	b. Replace firing pin (1, fig B-3)
6. Weak ejection	Worn ejector	Replace ejector (1, fig B-2)
7. Failure to eject cartridge cases	a. Broken ejector	a. Replace ejector (1, fig B-2)
	b. Weak or broken ejector lock and / or ejector lock spring	b. Replace ejector lock (2, fig B-2) and / or spring (3, fig B-2)
8. Failure to extract cartridge cases	Damaged or broken extractor claw	Replace extractor (4, fig B-3)

Section III. PREEMBARKATION INSPECTION OF MATERIEL IN UNITS ALERTED FOR OVERSEAS MOVEMENT

2-4. General

Refer to TB 9-1000-247-35

Section IV. GENERAL MAINTENANCE

2-5. General

This section provides the necessary instructions on the general maintenance procedures to follow. The methods are to be carefully observed during repair operations. Operator and organizational maintenance instructions are contained in TM 9-1005-208-12. This section includes the disassembly and assembly procedures, replacement of parts, use of tools, cleaning, finished surfaces, removal of burs, and lubrication.

2-6. General Repair Methods

a. *Disassembly and Assembly Procedures.*

(1) In disassembling a unit, remove the major subassemblies and assemblies whenever possible. Subassemblies may be disassembled, as necessary, into individual parts.

(2) During assembly, subassemblies will be assembled first, then installed to form a complete unit. Lubricate sliding surfaces before assembling.

(3) Complete disassembly of a unit is not always necessary in order to make a required repair or replacement. Good judgment should be exercised to keep disassembly and assembly operations to a minimum.

b. *Replacement of Parts.*

(1) Parts or assemblies that cannot be repaired or reclaimed to the standards set forth, will be replaced. Nonrepairable assemblies may be disassembled and the serviceable parts returned to stock.

(2) When assembling a group or assembly replace worn or damaged pins and screws.

(3) All springs will be replaced if broken, kinked, cracked, or have weak tension.

(4) If a required new part is not available, reconditioning of the old part is permitted. Parts will be inspected carefuly after reconditioning to determine their serviceability.

c. *Use of Tools.*

(1) Care must be exercised to use tools that fit and are suitable for the task to be performed in order to avoid unnecessary mutilation of parts and/or damage to tools.

(2) Special tools are provided for the maintenance of the materiel and are listed in Appendix B. These tools will be used only for the purpose for which they are intended.

(3) Keep tools clean and work with clean parts. Normal rules of good housekeeping will be observed.

2-7. Cleaning

a. As assemblies are removed and disassembled, the metal parts will be cleaned thoroughly of all grease, oil, and dirt using dry cleaning solvent (SD). Parts will be wiped dry with clean cloth, then coated with a light coat of general purpose lubricating oil (PL special).

b. Remove rust with a cloth moistened with dry cleaning solvent (SD). If this does not suffice, use crocus cloth or fine abrasive cloth. Make certain not to scratch or alter finished surfaces. Remove all dirt and abrasives; re-oil surfaces before assembling parts.

c. The bore will be cleaned thoroughly with cleaning brush 5564174 (8, fig B-11), saturated with rifle bore cleaner (RBC), then swabbed with cleaning patches. Make certain no traces of burned powder or foreign substances are left in the bore. Apply a light coat of general purpose lubricating oil (PL special).

d. Clean chamber with cleaning brush 6528362 (7, fig. B-11) using rifle bore cleaner, (RBC). Wipe dry with a clean cloth, then apply a light coat of general purpose lubricating oil (PL special).

e. Clean bore of gas cylinder tube using M6 cleaning brush 6108828 saturated with rifle bore cleaner (RBC). Wipe dry with clean cloth then apply a light coat of general purpose lubricating oil (PL special).

f. Clean gas cylinder using reamer assembly 7268211. Refer to TM 9-1005-208-12.

g. Clean fore end and stock assembly of grease, oil, and dirt, using a clean cloth.

2-8. Finished Surfaces

All treated surfaces will be refinished to match the appearance of new parts.

2-9. Removal of Burs from Threads, Screwheads, and Working Surfaces

During the entire life of the weapon, polishing and stoning are necessary to relieve friction and to remove burs set up by firing. Burs on screws, threads, and like surfaces will be removed with a fine file. Burs or rough edges on working surfaces will be removed with a fine sharpening stone.

Caution. Care will be observed to stone or file evenly and lightly and not to remove more metal than necessary to maintain correct contour of the surfaces. Parts or assemblies will never be altered in any way as to affect functioning or interchangeability of parts.

2-10. Lubrication

a. Make certain all metal parts are cleaned and dried thoroughly in accordance with instructions as prescribed in paragraph 3-3.

b. All metal parts will be lubricated by applying a light coat of general purpose lubricating oil (PL special). Lubricants are listed in TM 9-1005-208-12.

2-11. Function Firing

a. Following repair, each rifle will be function fired, if facilities are available to direct or general support maintenance.

Rounds	*Gas Port*	*Change Lever Position*
20	Medium	Full automatic (A position)
20	Medium	Reduced automatic (F position)

If rifles do not function satisfactorily, additional rounds are authorized. Rifles that fail to meet the test are to be corrected by replacement of defective parts or by performing such repair as required.

b. All rifles are to be cleaned as soon as possible after all firing tests. Clean in accordance with instructions in paragraph 3-3. Special care will be taken to insure the bolt faces, pistons, breech end of receiver and parts subjected to powder residue are thoroughly cleaned, using rifle bore cleaner (RBC).

Section V. REMOVAL AND INSTALLATION OF MAJOR COMPONENTS

2-12. General

Refer to table 3-1.

Section VI. DEPOT MAINTENANCE INSTRUCTIONS

2-13. General

The USAWECOM Depot Maintenance Work Requirements (DMWR) 1005-208 is available through Commanding General, Headquarters, U.S. Army Weapons Command, ATTN: AMSWE-SMM-SA, Rock Island, Illinois 61201.

CHAPTER 3

REPAIR INSTRUCTIONS

3-1. General

This chapter contains procedures for removal and installation, disassembly and assembly, inspection, repair, cleaning, and lubricating the Browning Automatic Rifle, M1918A2.

3-2. Specific Procedures

Refer to table 3-1.

Table 3-1. Guide to Maintenance Functions for Automatic Rifle M1918A2

Group or assembly	Removal / installation	Disassembly / assembly	Inspection and repair
Magazine	TM 9-1005-208-12	Fig 3-1	1. Inspect magazine tube for dents, deformed or burred lips, and worn or burred catch lug. If lug or catch are worn sufficiently to allow magazine to drop slightly after insertion, feeding of cartridges may be affected, therefore the magazine must be replaced. 2. Inspect base for looseness on tube. If base is loose replace magazine. 3. Inspect follower for binding in tube under spring tension. Follower, with spring assembled, slides smoothly up and down tube when depressed and released. In inspecting, bear on entire top surface of follower, not at one point only. 4. Inspect spring for deformation, fracture, and set. 5. Inspect magazine and parts for rust and corrosion, and interior of tube for foreign matter. 6. The magazine is expendable and if defective should be replaced. No replacement spare parts are furnished for repair. 7. If catch lug on magazine is worn to the extent where proper retention is doubtful, replace the magazine.
Trigger Guard Assembly	TM 9-1005-208-12	Fig B-2	1. Inspect magazine release for free movement within trigger guard body; must not be worn and shank must be straight. Check for cracked and worn nose. Replace if nose is cracked or worn, or if shank is bent or damaged. 2. Sear notch should be smooth and not contain a sharp or wire edge. Use a stone to smooth nose of sear notch if burred. Exercise care to maintain a retentive angle and stone to a polish. Test sear retentive action after stoning and if found questionable, replace sear. 3. Inspect change and stop lever spring for fracture of prong. Inspect spring for loose rivet and deformation. Replace spring if cracked, weak, or damaged. Tighten rivet, if loose. 4. Inspect camming surfaces on sear carrier assembly for wear and burs. Inspect for loose, cracked, and worn connector stop (riveted on right end). Tighten connector stop in sear carrier. Replace, if worn or damaged. 5. Inspect the rear toe of trigger connector where it contacts the tongue in change lever aperture and front sloping surface (sear carrier ramp) for wear, burs, and rough edges. If functioning is affected, remove rough edges from rear toe of connector. Replace connector if camming surfaces have been critically affected. 6. Remove rough edges on trigger. Replace if rear projections are sufficiently worn to affect the operation. 7. Make certain change lever functions freely and remains in selected positions. If worn or function is improper, replace change lever. 8. Inspect trigger guard body for deformation, wear, and burred spring retaining groove. Receiver retention groove must also be free of burs. Remove burs as necessary. 9. Check functioning of trigger and sear and stop lever when change lever is set in its various positions. 10. Check function of trigger connector and sear spring with trigger guard assembly held horizontally by tipping forward and back. If sear spring does not bear properly on forward shoulders of sear and center prong on connector, the connector will not function properly when the trigger guard is tipped. Replace sear spring.

Table 3-1. Guide to Maintenance Functions for Automatic Rifle M1918A2—Continued

Group or assembly	Removal / installation	Disassembly / assembly	Inspection and repair
Trigger Guard Assembly—Cont.			11. Check trigger pull of the rifle (fig 3-2), watching for excessive creep or rough pull. If such occurs, inspect sear or sear notch for wear, burs, and / or interference between trigger and housing. In testing the trigger pull, the inspector will use weights totaling 6 and 10 pounds. Procedures are as follows: a. Make certain the change lever is set at the A or F position and the rifle is cocked. b. Rest the weight on the floor, hooking the trigger weight rod onto the trigger. Make sure that the pressure is applied about one-quarter of an inch from the lower end of the trigger (fig 3-2). Check to insure the rod contacts the trigger only and does not rub against the side of the trigger guard body or stock. Axis of bore must be at 30° angle to trigger weight rod. c. With the barrel of the rifle held at this 30 angle, carefully raise the weight from the floor. If the 6 pound weight pulls, or the 10 pound weight fails to pull the trigger to release the slide, corrective action must be made. (See 12, below). d. Test trigger pull for smoothness and pressure exerted. Trigger pull should be clean, without creep, and smooth in action. If the pull is rough, not within specified limits, or excessive creep is present, check for wear or burs in sear and slide notch, or interference between trigger and housing. "Creep" will mean any perceptible movement in the trigger pull between the time the slack is taken up and the slide is released, with pressure applied at a uniform rate of increase over a period of not less than 10 seconds. 12. Light or excessive trigger pull will be corrected as follows: a. *Light trigger pull.* This condition is caused by foreign matter or burs in sear notch of slide or nose of sear. Such burs or foreign matter prevent nose of sear from seating fully in sear notch in slide. Corrective action entails removing the foreign matter or stoning the burred surfaces. If such action necessitates stoning nose of sear or notch in slide, use a fine grained sharpening stone. Exercise care to maintain retentive angle and stone to polish only. If too much metal is removed from top face of sear, the face becomes too shallow to retain slide, due to interference of rear end of sear (release cam extension) with the slide, thus holding sear notch out of engagement. Test sear retentive action after stoning, and if found questionable replace sear. Dress in slide in like manner. Badly burred or damaged parts will be replaced. When cause of light pull is a weak or broken sear spring, replace the sear spring. b. *Excessive trigger pull.* This is caused by binding on components of trigger group, foreign matter in trigger guard body, or burs on trigger, connector, sear pin, or sear. Correct by removing foreign matter and stoning burred surfaces. Refer to a, above for stoning precautions.
Bolt Group	TM 9-1005-208-12	Figur B-3	1. Inspect rear top shoulders of breech bolt, where lock contacts receiver locking aperture, for wear and burs. This is important as it affects headspace. (See paragraph 2 under barrel and receiver group.) 2. Inspect bolt link for looseness with breech bolt and hammer. Inspect bolt link pin for wear, distortion, and damage. Replace bolt link, if worn and pin, if bent or damaged.
Gas Cylinder and Fore End Group	TM 9-1005-208-12	Fig B-4	1. Inspect gas cylinder body using the plain cylindrical plug gage 5077204 (fig 3-3). If gage enters the cylinder body, replace gas cylinder assembly. Refer to TM 9-1005-208-12 for use of gas cylinder reamer assembly and appropriate maintenance instructions.

Table 3-1. Guide to Maintenance Functions for Automatic Rifle M1918A2—Continued

Group or assembly	Removal / installation	Disassembly / assembly	Inspection and repair
Gas Cylinder and Fore End Group—Cont.			2. Replace fore end if escutcheons contain stripped threads. If escutcheon becomes loose in fore end and will not seat within wood, remove escutcheon and coat bottom and sides with molding compound (FSN 8030-670-8553). Reseat escutcheon and allow to harden. 3. Check fore end for cracks. If slide grooves in fore end show superficial cracks, the area, if not too large, may be smoothed out with a sharp blade. 4. Cracks which would not seriously affect the strength of the fore end will be repaired with reinforcing screws as follows: a. Fore end will be placed in a vise or put under pressure in order to draw cracks together. b. Drill holes in fore end using a 0.052-inch drill. c. Install reinforcing screws by gripping in the chuck of a hand drill, then screw into wood. d. Cut off protruding portion of screw and file flush with wood; make certain no rough edges protrude. e. Inspect for general appearance. Determine that the strength of fore end has not been affected. *Note.* Refer to TM 9-1005-301-30 for additional repair instructions of fore end. 5. If bracket swivel or swivel loop clamp are bent or cracked, replace. 6. If gas cylinder gun (tube) is out of line with receiver, reposition barrel to receiver or straighten tube. If tube cannot be straightened, replace it. 7. In fitting a new gas cylinder gun (tube) to receiver, the pin holes in the tang of the tube and receiver may not be concentric. In this case, stone the rear tang of the gas cylinder gun (tube) using a fine stone. Make certain the tube is properly alined before attempting to fit.
Slide and Piston Group	TM 9-1005-208-12	Fig B-5	1. Inspect free action of gas piston and slide in conjunction with gas cylinder tube and receiver. Piston and slide must move freely in gas cylinder tube and receiver when rifle is tilted upward and downward. Piston retaining spring will be checked for wear and damage. Replace spring pin if damaged. 2. Where side rails of slide have been deformed, they can be spread or sprung back into shape by using wooden wedges and clamping in vise with copper jaws. Subsequently, check slide for free movement within tube and receiver. Nonrepairable slides will be replaced. 3. Gage gas piston head as indicated in figure 3-4. Prior to gaging, rid gas piston assembly of all fouling and carbon. Wipe piston head and gage with a lightly oiled cloth. Slide gage over piston head. If gage (this a no go gage) slides over the piston head, the piston assembly is unserviceable and will be replaced. Pistons will not be oval shaped and there must be no signs of light between gage and piston head when held up to light.
Butt Stock, Buffer and Actuator Group	TM 9-1005-208-12	Fig B-6	1. Inspect for protrusion of buffer head from face of tube. This dimension should be approximately one-eight inch. Inspect buffer spring for functioning, fracture, and set. 2. Check sear release for free movement in buffer head (should be flush with forward face of buffer head when retracted) and for binding in notch. Inspect camming face of nose for wear and burs. Lower forward edge of nose should be slightly beveled and perfectly smooth. If worn or damaged, replace.

Table 3-1. Guide to Maintenance Functions for Automatic Rifle M1918A2—Continued

Group or assembly	Removal / installation	Disassembly / assembly	Inspection and repair
Butt Stock, Buffer and Actuator Group—Cont.			3. Actuator tubes having shallow dents can be repaired with an expansion reamer. If dents cannot be removed or if threaded area is damaged, replace tube. Always test components in tube after replacement or repair. 4. Inspect stock retaining sleeve for clearance with actuator tube and looseness of stop in sleeve and collar on sleeve. Check retaining sleeve lock washer for locking function. Replace defective lock washer.
Bipod Assembly	TM 9-1005-208-12	Fig B-7	1. Inspect thumbscrews for stripped threads and for missing and worn keys. Replace thumbscrews if threads are stripped and keys if missing or worn. 2. Inspect bipod body for deformation of cylinder and leg locking slots for wear, cracks, and burs. Replace bipod body if worn or damaged. 3. Inspect leg joints for looseness of tubes, loose fit in body mating apertures, locking action, wear, and burs. Inspect tubes for deformation, burs, and foreign matter in keyways. Replace inner or outer tube as required. 4. Inspect clamps on legs for spring action, wear, and stripped threads. Inspect for loose, damaged, or bent feet (welded). Inspect legs for binding or excessive looseness of leg tubes. They should slide freely without binding. Replace legs if tube portion is dented or bent or if screw holes contain stripped threads. Weld bipod feet, if loose on legs; straighten, if bent.
Rear Sight Assembly	Fig 3-5	Fig B-8	1. Inspect parts for damage, wear, burs, rust, foreign matter in recesses, deformation, and for free action with mating parts. Inspect screws and screw holes for stripped threads. Replace screws if threads are stripped. Replace rear sight leaf if threads in screw holes are damaged. Remove rust, if light, with rifle bore cleaner (RBC) and clean cloth, or with fine abrasive or crocus cloth. Always wipe such surfaces with a slightly oiled cloth after rust is removed. Remove burs on screw heads, threads and like surfaces with a fine file, or chase out with a die or tap corresponding to the original thread diameter and pitch. 2. Inspect rear sight base for looseness on receiver. Inspect windage scale for looseness on base and base spring for weak tension and cracks. Replace windage scale if worn or damaged and base spring if cracked or if tension is weak. 3. Inspect rear sight windage click plunger for functioning with knob, and spring for weak tension and fracture. Replace worn plunger and weak tension spring. Replace knob if damaged. 4. Inspect functioning of elevating screw in rear sight leaf. Inspect screw for missing and loose retainer pin. Replace rear sight leaf if elevating screw does not function properly or if parts are missing.
Barrel and Receiver Group	Figs 3-6, 3-7, 3-8 and 3-9	Fig B-9	*Note.* Barrel group will be removed from receiver only when replacement is necessary. 1. *Gaging Breech Bore.* Barrels having been visually inspected and found serviceable will be gaged, using breech bore gage 5564343 as illustrated in figure 3-10. If gage readings exceed 0.310 inch on barrels in hands of troops in field or 0.306 inch at preembarkation inspection, such barrels will be replaced. 2. *Gaging Headspace.* a. Headspace, i.e., the distance between the shoulder of the chamber and the face of the bolt when the bolt is forward (locked position), must be checked. Verification of adequate headspace is especially necessary when the rifle has been rebarreled. If headspace is excessive, the cartridge has too much play in the chamber when the bolt is locked behind it. If headspace is insufficient, the bolt does not fully lock behind the cartridge without being forced. Insufficient or excessive headspace is unsafe and must be corrected.

Table 3-1. Guide to Maintenance Functions for Automatic Rifle M1918A2—Continued

Group or assembly	Removal / installation	Disassembly / assembly	Inspection and repair
Barrel and Receiver Group—Cont.			b. Headspace is gaged with the firing pin and extractor removed from the bolt, recoil spring and guide removed from the slide and piston group, operating handle removed from the receiver, and the trigger group removed from the rifle. With the barrel reflector, examine the chamber to make sure that it is clear (refer to TM 9-1005-208-12). Place the bolt assembly (minus firing pin and extractor) with bolt link assembled in the receiver. Install the slide and piston group (minus spring and guide) and fit the hammer into its seat in slide. Insert the hammer pin. Work the slide back and forth several times by hand to insure that the parts are correctly assembled. Install the gas cylinder and fore end group and lock it into position with gas cylinder retaining pin. With the slide pushed fully forward, note the relative position of the hammer pin with reference to the forward part of its slot on side of receiver. There will be a clearance of one thirty-second to three sixty-fourths inch between the hammer pin and the forward part of the slot. This position of the hammer pin is referred to as the "locked position." 3. *Testing for Headspace.* a. To test for minimum headspace, place the headspace gage 7319944 (fig B-13) in the chamber and move the slide forward. Note the position of the hammer pin. It should be in locked position (fig 3-11). If the hammer pin is in the locked position, the minimum headspace is correct. Where the hammer pin is stopped before the locked position, the headspace is insufficient and should be corrected (para 4, below). b. To test for maximum headspace, place the headspace gage 7319954 in the chamber and the slide forward until stopped by the gage. Note position of the hammer pin. It should not be less than three-eights inch from the locked position (fig 3-11). If the hammer pin is not stopped on or before it is in this position, the headspace is excessive and should be corrected (para 4, below). Use of headspace gage 7319950 is usually made at time of rebarreling. Under no circumstances, however, will headspace exceed 1.950 inch. 4. *Correcting Headspace.* a. Insufficient or excessive headspace is usually corrrected by the replacement of the bolt. If excessive headspace cannot be corrected by replacement of new bolt assembly of maximum length, the cause lies elsewhere. It could be caused by excessive wear in locking recess of receiver. (1) Rebarrel if necessary; use breechbore gage 5564343. (2) See paragraph 1, for breech bore gage limitations. b. If placement of new bolt and/or rebarreling does not correct headspace, return new bolt to stock and evacuate unserviceable weapon to depot maintenance. 5. *Gas Cylinder Bracket.* Inspect gas cylinder bracket for looseness on barrel, missing or loose pin, alinement of gas port with barrel port, and for worn or burred dovetailed mating grooves. If bracket is loose on barrel or if pin is missing, replace barrel assembly. 6. *Front Sight and Base.* a. Inspect front sight blade for retention to base in mounting dovetail, for worn or burred dovetail and for deformation or shine. Replace base if damaged or remove burs if dovetailed portion contain burs. b. Inspect front sight base for looseness on barrel, missing or burred key, and worn keyway, (on barrel). c. Replace front sight blade if damaged, If blade is out of alinement, the dovetailed aperture in the base is enlarged. Peen the upper edges, aline the sight blade (by eye) and stake, using old mark.

Table 3-1. Guide to Maintenance Functions for Automatic Rifle M1918A2—Continued

Group or assembly	Removal / installation	Disassembly / assembly	Inspection and repair
Barrel and Receiver Group—Cont.			7. *Receiver.* a. Inspect receiver for excessive wear, deformation (pinched sides due to squeezing in vise), burs, rust, and foreign matter in recess. b. Inspect for loose rivets in bolt supports and for cracks in barrel end and bridge. c. If barrel and buffer tube are removed (fig 3-6 and 3-7), inspect for crossed threads. If barrel and buffer tube contain crossed threads the rifle will be turned in for replacement. d. Inspect bolt lock recesses in top of reciver for wavy surface, wear, and burs, expecially where lock seats when bolt is locked. Stone rough or wavy surface smooth, using a fine grain sharpening stone. Affected areas must be stoned evenly, removing as little metal as possible. This surface is critical and affects headspace. e. Inspect buffer tube for dents or damage. Swallow dents in buffer tube can be removed with an expansion reamer set to the original inside diameter of tube. Larger dents will be swaged out, using a rod the size of the inside diameter of the tube, and then by reaming. Severe dents that might cause weakening of the walls of the tube will be sufficient reason for replacement of tube. Test components in tube after repair for free movement. f. Inspect top plate for looseness (should be drive fit). 8. *Operating Handle, Plunger, and Spring.* a. Inspect operating handle for function and free movement in its slideway. Replace handle if bent or distorted. b. Inspect plunger for function and free movement in well; replace if worn. c. Inspect plunger spring for function and fracture; replace if cracked or set. 9. *Bolt Guide and Spring.* a. Inspect bolt guide for sustaining function with bolt. Replace bolt guide if worn. b. Check spring for looseness in receiver aperture and for weak spring action. Replace bolt spring if cracked or damaged. 10. *Gas Cylinder Tube Retaining Pin.* Inspect retaining pin for spring retention with depression in receiver, locking function of key in undercut in receiver (left side). Inspect spring for looseness on pin (riveted), deformation, and fracture. Replace retaining pin, if worn or damaged.

3-3. Cleaning and Lubrication

a. *General*

(1) As assemblies are removed and disassembled, the metal parts will be cleaned thoroughly of all grease, oil, and dirt using dry cleaning solvent (SD). Parts will be wiped dry with clean cloth, then coated with general purpose lubricating oil (PL special).

(2) Refer to TM 9-1005-208-12 for cleaning and lubrication instructions and cleaning and lubricating materials to be utilized.

b. *Removal of Carbon and Rust*

(1) *Carbon.* Deposits of carbon cause malfunctioning of the rifle. Clean the gas cylinder, piston, gas cylinder gun (tube), and gas ports as regularly as the bore of the rifle. The gas cylinder cleaner reamer assembly is specifically for this purpose. Observe special care in removing carbon thoroughly from undercut recess in gas cylinder, piston grooves, piston head, and gas ports. The relief port in gas cylinder body is particularly important. Clean and polish the piston, gas cylinder, and gas cylinder gun(tube), using crocus cloth if necessary.

(2) *Rust.* Keep the rifle free from rust, which is apt to form on surfaces not regularly lubricated, or where barrel heat has rapidly dissipated oil film. Such points are the piston shank, gas cylinder gun (tube) to rear of surface contacted by reciprocating piston, and surface where gas cylinder gun contacts bracket at barrel gas port. Remove rust, if light, with rifle bore cleaner (RBC) and clean cloth, or with crocus cloth. Always wipe such surfaces with a slightly oiled cloth, after rust is removed. Clean gas cylinder gun (tube) the same as rifle bore, using cleaning rods and patches. If necessary, use crocus cloth.

Occasionally check interior surfaces of actuator and buffer tubes for rust; keep clean and polished. Use bore cleaning brush to polish inside of actuator tube. After cleaning, pass an oily patch through the tubes.

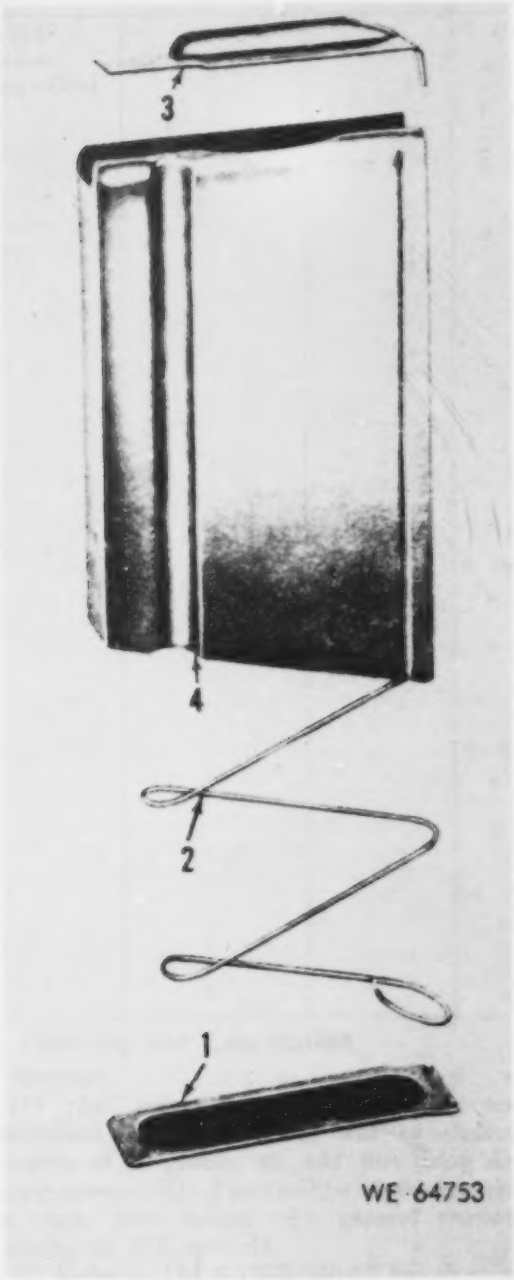


Figure 3-1. Magazine — exploded view.

KEY to fig. 3-1:

1. Base

2. Spring

3. Follower

4. Tube

Figure 3-2. Checking trigger pull.

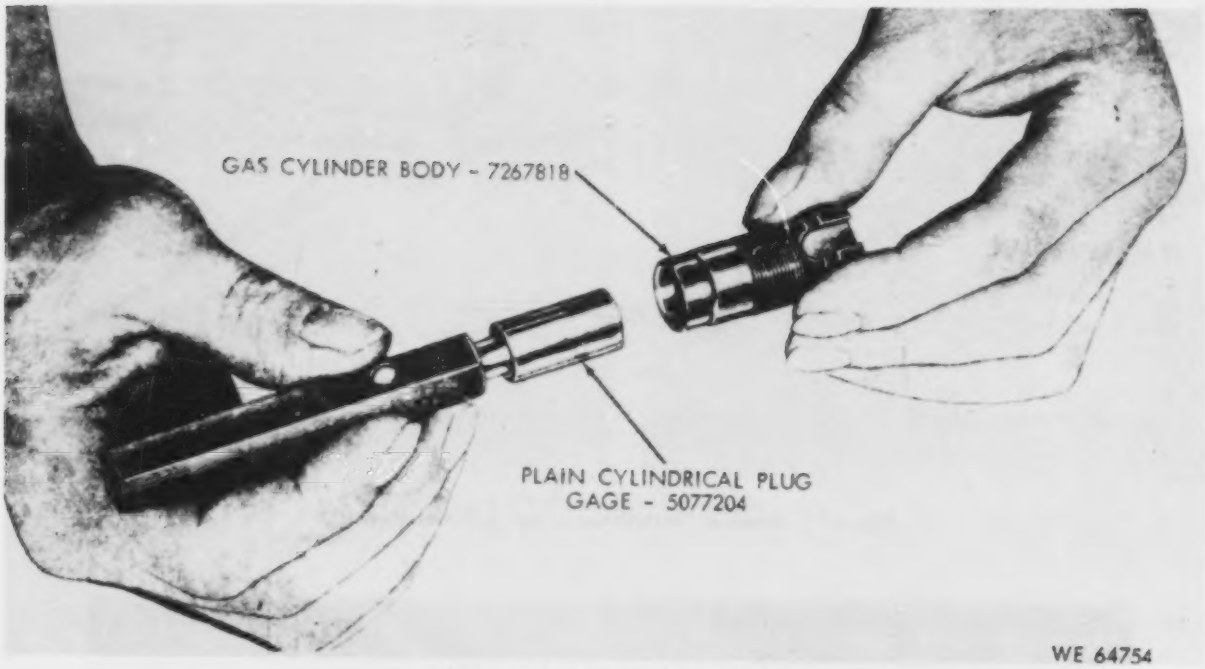


Figure 3-3. Gaging gas cylinder body.

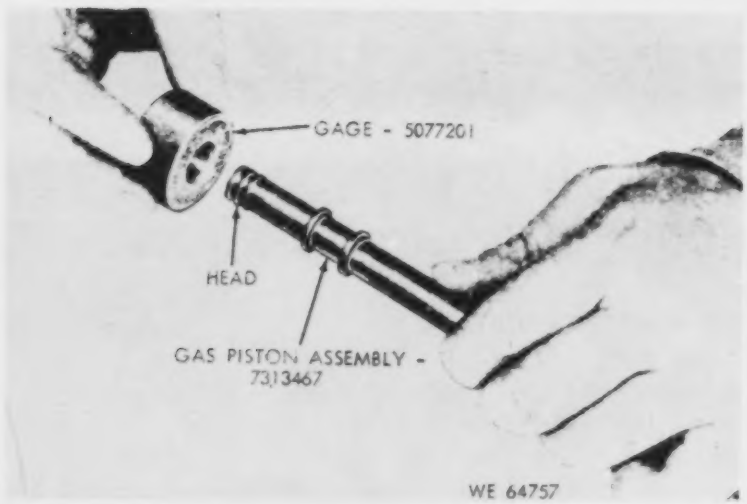


Figure 3-4. Gaging diameter of gas piston head.

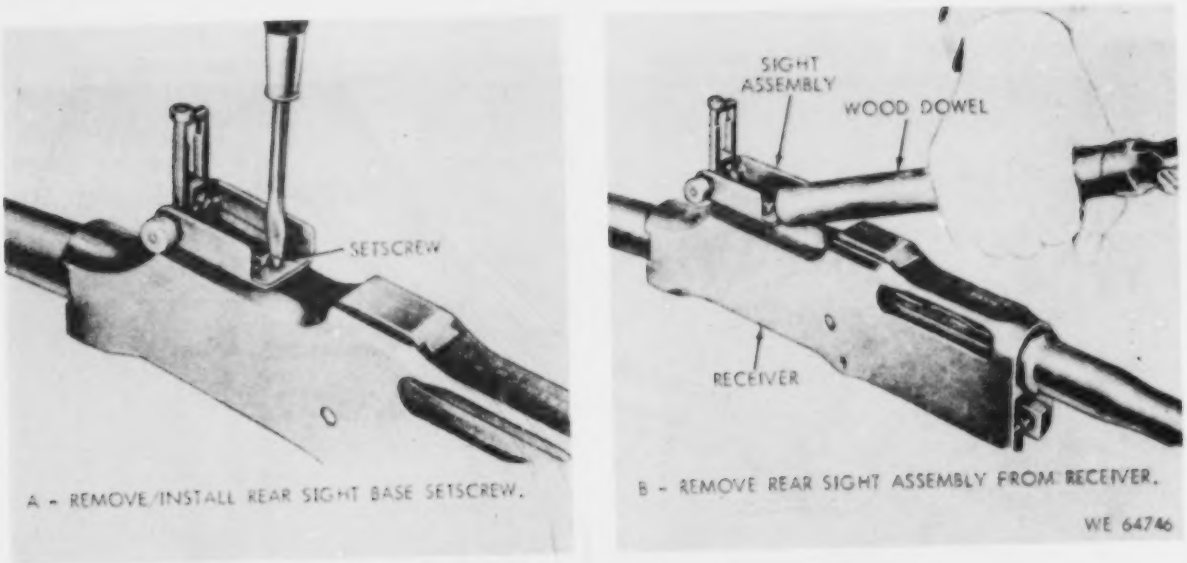


Figure 3-5. Removal / installation of rear sight assembly.

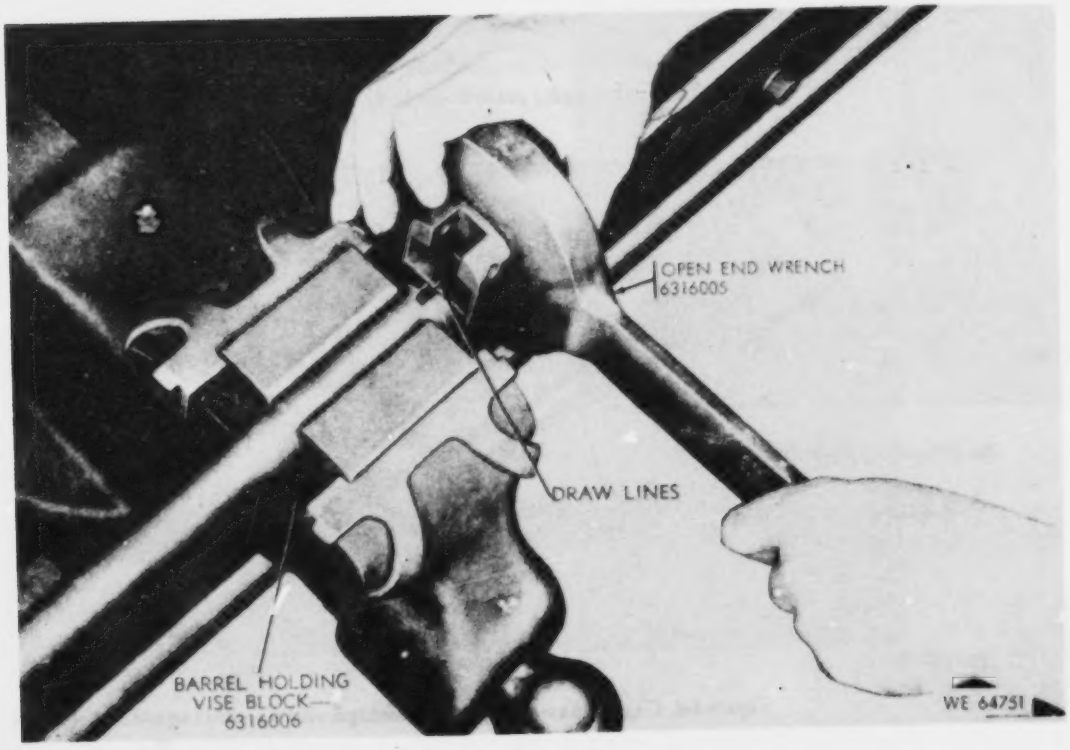


Figure 3-6. Remove / install barrel group.

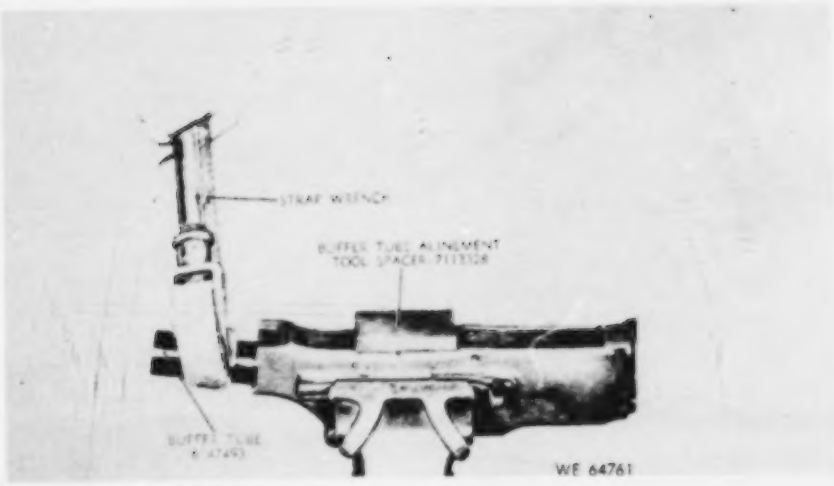


Figure 3-7. Removal of buffer tube.

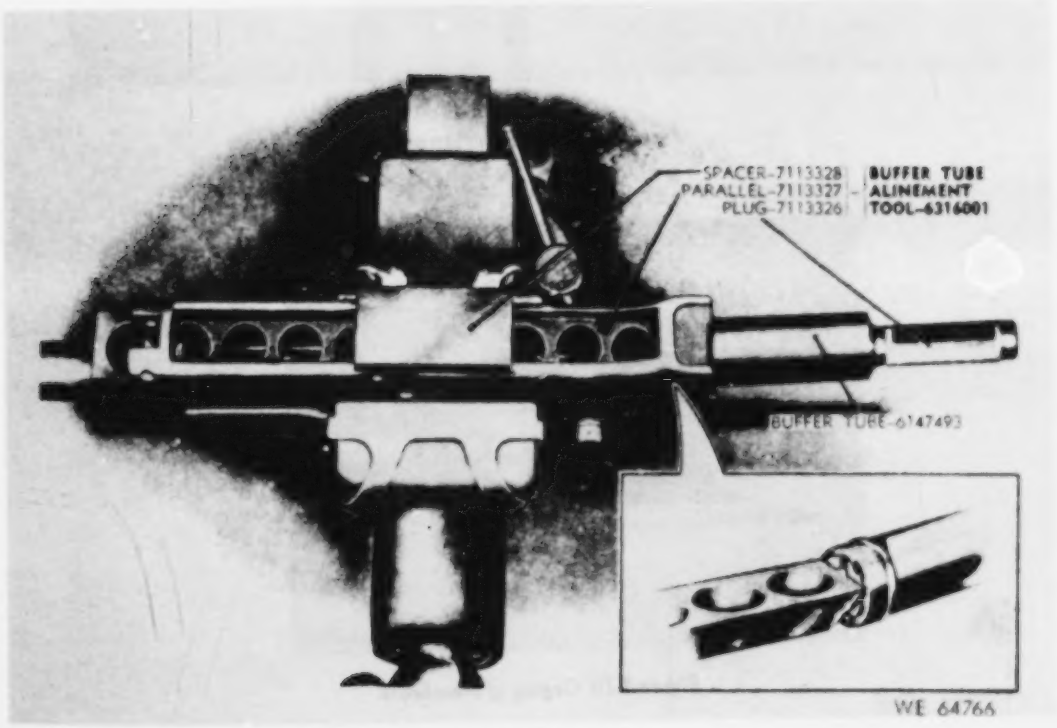


Figure 3-8. Assembling buffer tube to receiver.

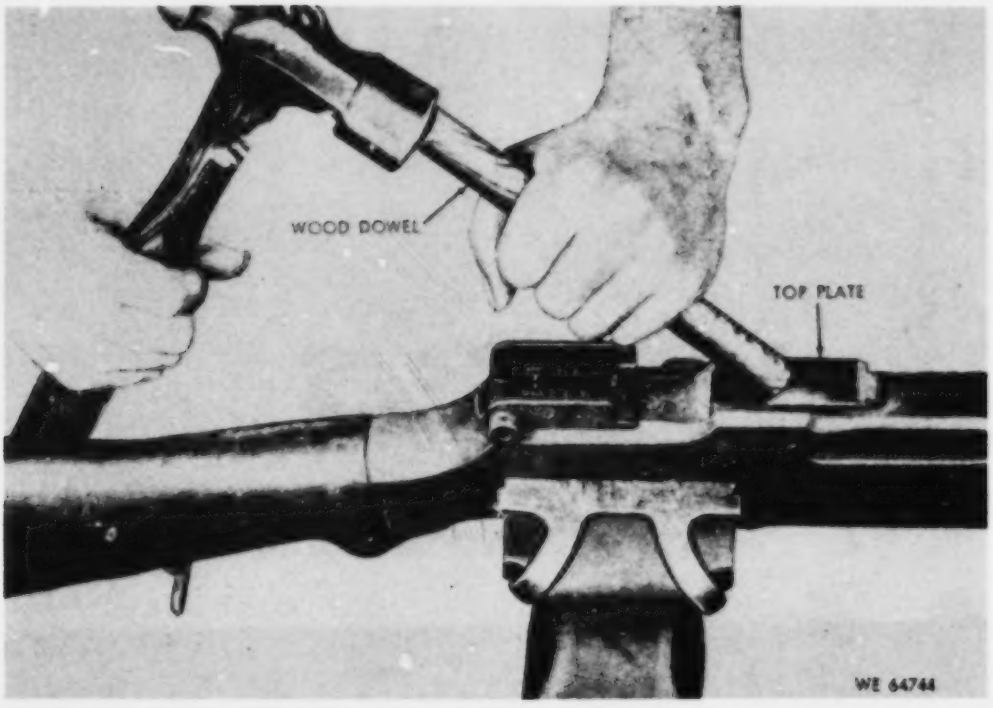


Figure 3-9. Removal of top plate.

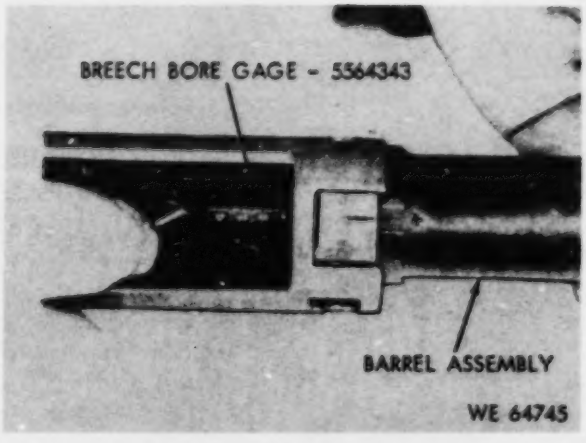


Figure 3-10. Gaging of breechbore.

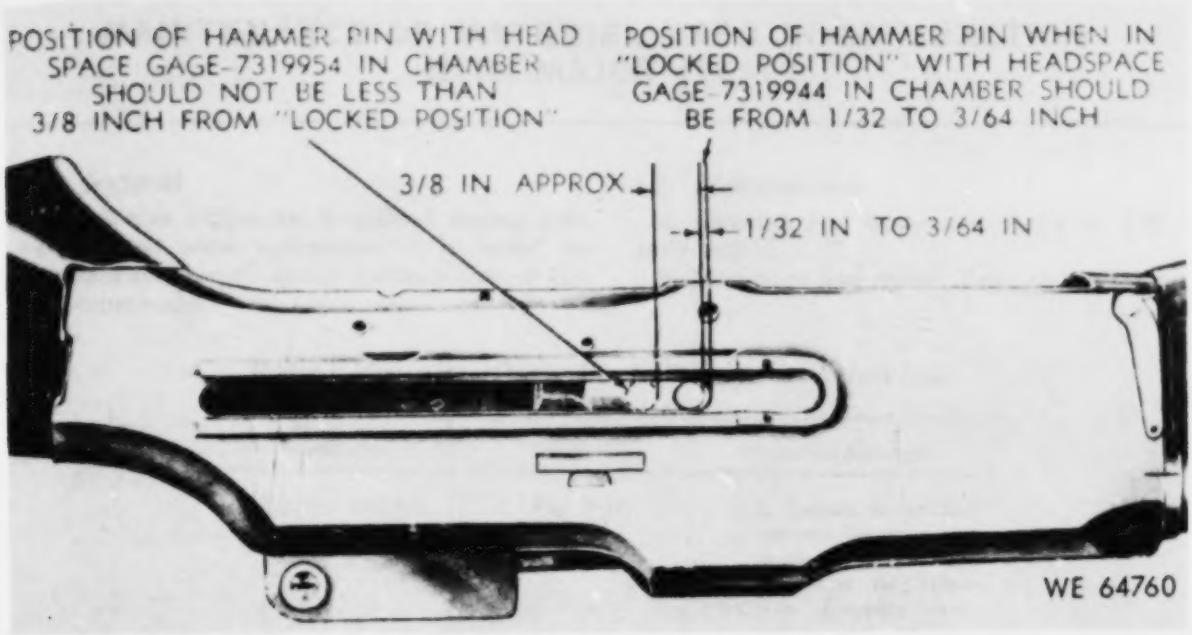
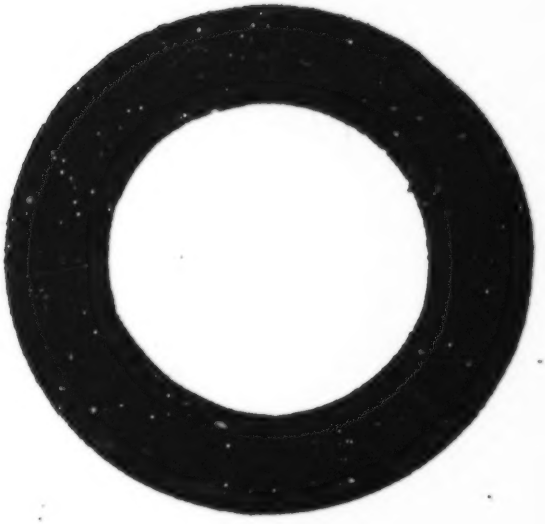

POSITION OF HAMMER PIN WITH HEAD SPACE GAGE-7319954 IN CHAMBER SHOULD NOT BE LESS THAN 3/8 INCH FROM "LOCKED POSITION"
POSITION OF HAMMER PIN WHEN IN "LOCKED POSITION" WITH HEADSPACE GAGE-7319944 IN CHAMBER SHOULD BE FROM 1/32 TO 3/64 INCH
3/8 IN APPROX
1/32 IN TO 3/64 IN
WE 64760

Figure 3-11. Gaging headspace.



CHAPTER 4

MAINTENANCE OF MATERIEL USED IN CONJUNCTION WITH MAJOR ITEM

4-1. General

The winter trigger kit is utilized during cold weather and arctic operations; it is issued or requisitioned only by special authorization of the area commander.

4-2. Maintenance

a. *Cleaning and lubrication.* Refer to TM 9-1005-208-12.

b. *Inspection and repair.* Refer to table 4-1.

Table 4-1. Maintenance of Materiel Used in Conjunction with Major Item

Removal / installation	Disassembly / assembly	Inspection and repair
Fig. 4-1 and 4-2	Fig. B-10.	1. Inspect screws and washers for wear and damage. Inspect hinge and lever for distortion. Replace worn screws and washers. 2. Inspect winter safety for functioning and wear. Replace if worn or damaged.

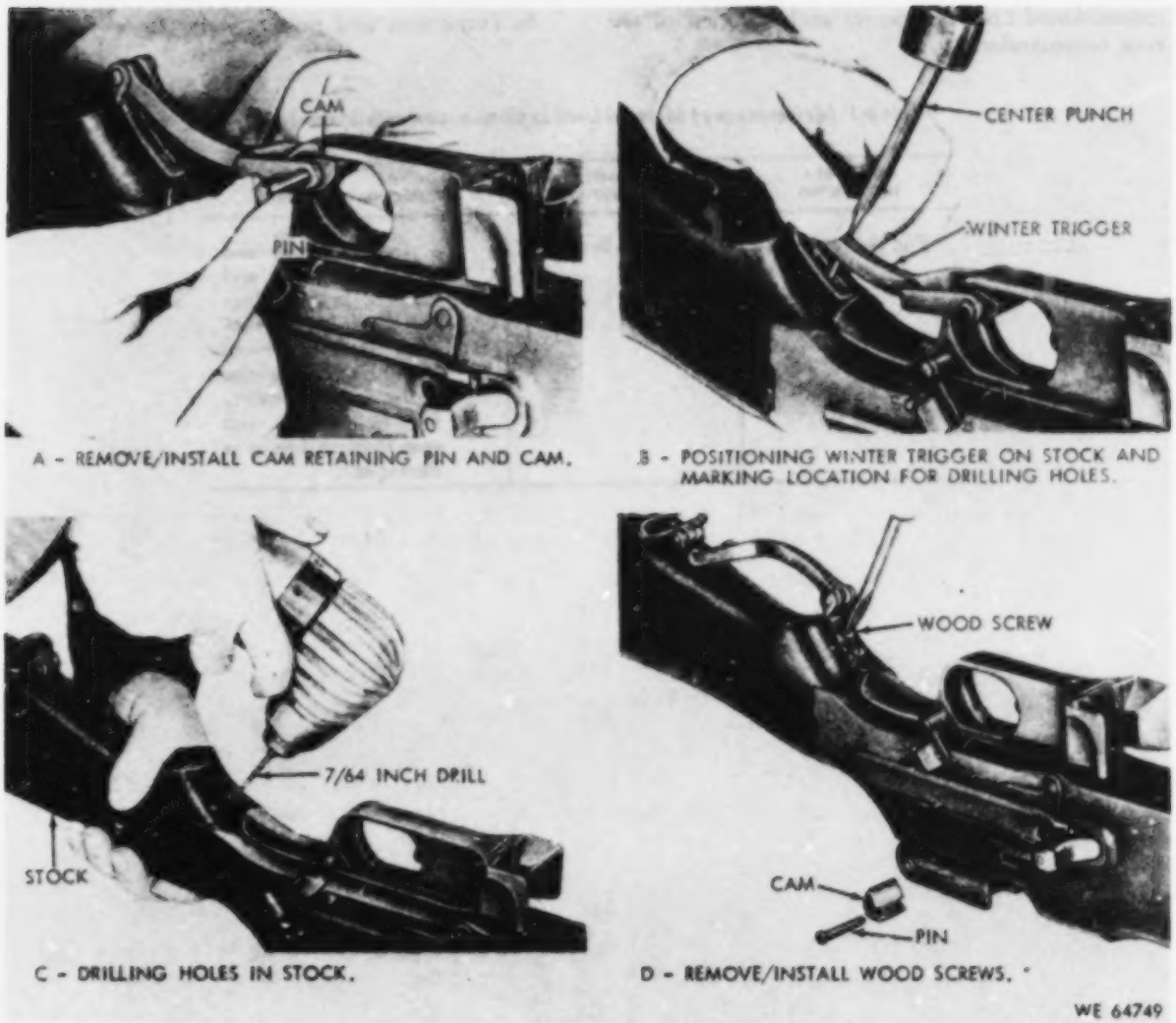


Figure 4-1. Remove / install winter trigger assembly.

Figure 4-2. Winter trigger kit installed.

CHAPTER 5

FINAL INSPECTION

5-1. General

a. Make certain that the rifles meet the limits of serviceability as indicated in table 3-1.

b. Hand cycle rifle after repair using dummy cartridges or function fire when possible to insure proper operation.

c. Visually check all assemblies after firing weapon.

d. Clean and lubricate rifles after firing.

5-2. Visual Inspection

Visual and overall appearance of the rifle will indicate a complete serviceable weapon. All exposed metal surfaces are to have a dull, rust resistant finish with no burs or deep scratches. Barrels must be straight, clean, free of rust and powder fouling, and free of rings and bulges. Rifles must be complete. All modifications must be applied. Serial numbers must be legible and all parts must be free of rust. Visually inspect the following:

a. Check gas cylinder and fore end group. Make certain it is secure to barrel and receiver with the gas cylinder tube retaining pin.

b. Inspect trigger guard assembly; see that it fits firmly within receiver and is secured by the trigger guard retaining pin.

c. Inspect bipod for secure installation to flash hider bearing and that the flash hider is secured to the barrel.

d. Inspect the hinged butt plate assembly for fit on stock.

e. Inspect the rear sight for fit on rear sight base.

5-3. Functional Inspection

a. Check rifle for smoothness of operation. Function magazine catch and follower. Check functioning of magazine, using dummy cartridges.

b. Actuate the operating handle. Make certain slide and piston and bolt group actuate within receiver.

c. Inspect rear sight assembly; be sure the leaf can be raised or lowered without binding and the elevation and windage knobs function properly. Make certain graduations are legible.

d. Check functioning of legs on bipod assembly.

5-4. Gage Inspection

a. Check inside diameter of gas cylinder body (fig 3-3).

b. Check trigger pull (fig. 3-2).

c. Check diameter of gas piston head (fig 3-4).

d. Check breechbore (fig. 3-10).

e. Check headspace (fig. 3-11).

5-5. Completion of Inspection

Upon completion of inspection, and when rifles have been restored to a serviceable condition, it shall be certified that the weapon is acceptable for "return to user" or for "return to stock."

APPENDIX A

REFERENCES

A-1. Publication Indexes

The following indexes should be consulted frequently for the latest changes or revisions of references given in this appendix and for new publications relating to materiel covered in this manual.

Index of Army Motion Pictures and Related Audio-Visual Aids	DA Pam 108-1
Military Publications:	
Index of Administrative Publications (Regulations, Circulars, Pamphlets, Posters, Joint Chiefs of Staff Publications, and General Orders).	DA Pam 310-1
Index of Blank Forms	DA Pam 310-2
Index of Doctrinal Training and Organizational Publications (Field Manuals, Reserve Officers' Training Corps Manuals, Training Circulars, Army Training Programs, Army Subject Schedules, Army Training Tests, Firing Tables and Trajectory Charts, Tables of Organization and Equipment, Type Tables of Distribution, and Tables of Allowances).	DA Pam 310-3
Index of Technical Manuals, Technical Bulletins, Supply Manuals (types 7, 8, and 9), Supply Bulletins, and Lubrications Orders	DA Pam 310-4
Index of Supply Catalogs and Supply Manuals (excluding types 7, 8, and 9).	DA Pam 310-6
U.S. Army Equipment Index of Modification Work Orders	DA Pam 310-7

A-2. Forms

DA Form 2028, Recommended Changes to DA Publications

A-3. Supply Manuals

Operator's and Orgaizational Maintenance Manual Including Repair Parts and Special Tools List for Rifle, Caliber .30, Automatic, Browning, M1918A2, W/E (1005-674-1309)	TM 9-1005-208-12
Tool Kit, Small Arms: Field Maintenance (4933-754-0664) (Line Item W51499 formerly Line Item 440682)	SC 4933-95-CL-A11
and	
Tool Kit, Small Arms, Field Maintenance MAP only (4933-919-0103)	
Tool Kit, Small Arms Repairman (4933-357-7770) (Line Item W51910 formerly Line Item 453995	SC 4933-95-CL-A07
Tool Set, Direct and General Support Maintenance, Basic Small Arms (4933-775-0366)	SC 4933-95-CL-E04

A-4. Other Publications

a. *General.* The following explanatory explanations contain information pertinent to this materiel and associated equipment.

Logistics:	
Malfunctions Involving Ammunition and Explosives (reports control cymbol AMC-132)	AR 700-1300-8
Army Equipment Record Procedures	TM 38-750
Military Symbols	FM 21-30
Military Terms, Abbreviations, and Symbols:	
Dictionary of United States Army Terms (Short Title: AD)	AR 310-25
Authorized Abbreviations and Brevity Codes	AR 310-50
Military Training Management	FM21-5
Techniques of Military Instruction	FM 21-6

b. *Safety.*

Accident Reporting and Records	AR 385-40

c. *Inspection and Maintenance.*

Browning Automatic Rifle, Cal..30, M1918A2	FM 23-15
Lubrication of Ordnance Materiel	TM 9-273
Maintenance of Supplies and Equipment:	
Organization, Policies, and Responsibilities for Maintenance Operations	AR 750-5
Command Maintenance Management Inspections (CMMI)	AR 750-8
Issue of Supplies and Equipment:	
Requisitioning, Receipt, and Issue System	AR 725-50
Standards for Overseas Shipment or Domestic Issue of Small Arms, Aircraft Armament, Towed Howitzers, Mortars, Recoilless Rifles, Rocket Launchers, and Associated Fire Control Equipment	TB 9-1000-247-35

APPENDIX B

DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

B-1. Scope

This appendix lists repair parts and special tools required for the performance of direct support, general support, and depot maintenance of the M1918A2, Caliber .30, Browning Automatic Rifle.

B-2. General

This repair parts and special tools list is divided into the following sections:

a. *Repair Parts — Section II.* A list of repair parts authorized for the performance of maintenance at the direct support, general support, and depot level in figure and item number sequence.

b. *Special Tools, Test and Support Equipment — Section III.* A list of special tools, test and support equipment authorized for the performance of maintenance at the direct support, general support, and depot level.

c. *Federal Stock Number and Reference Number Index — Section IV.* A list of Federal Stock numbers in ascending numerical sequence followed by a list of referenced numbers in ascending alpha - numeric sequence, cross-referenced to the illustration figure number and item number.

B-3. Explanation of Columns

The following provides an explanation of columns in the tabular lists in Sections II and III:

a. *Source, Maintenance, and Recoverability Codes (SMR), Column 1.*

(1) Source code, indicates the selection status and source for the listed item. Source codes used are:

Code	*Definition*
P	Repair parts which are stocked in or supplied from the GSA / DSA, or Army supply system, and authorized for use at indicated maintenance categories.
P2	Repair parts which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system.
M	Repair parts which are not procured or stocked but are manufactured at indicated maintenance levels.
A	Assemblies which are not procured or stocked as such but are made up of two or more units. Such component units carry individual FSN's and descriptions, are procured and stocked separately and can be assembled to form the required assembly at indicated maintenance categories.
X	Parts and assemblies which are not procured or stocked and the mortality of which is normally below that of the applicable end item or component. The failure of such part or assembly should result in retirement of end item from the supply system.
X1	Repair parts which are not procured or stocked. The requirement for such items will be filled by use of next higher assembly or component.
X2	Repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain through cannibalization; if not obtainable through cannibalization, such repair parts will be requisitioned with supporting justification through normal channels.
G	Major assemblies that are procured with PEMA funds for initial issue only to be used as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above DSU and GSU level or returned to Depot supply level.

(2) Maintenance code, indicates the lowest category of maintenance authorized to install the listed item. The maintenance level codes are:

Code	*Maintenance Category*
C	Crew or operator
O	Organizational
F	Direct Support
H	General Support
D	Depot

(3) Recoverability code, indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

Code	*Recoverability Aspect*
R	Applied to repair parts (assemblies and components), special tools and test equipment which are considered economically repairable at Direct and General support maintenance levels. When the item is no longer economically repairable, it is normally disposed of at the GS level. When supply considerations dictate, some of these repair parts may be listed for automatic return to supply for Depot level repair as set forth in AR 710-50. When so listed, they will be replaced by supply on exchange basis.
S	Repair parts and assemblies which are economically repairable at DSU and GSU activities and normally are funished by supply on an

Code	Recoverability Aspect
	exchange basis. When items are determined by a GSU to be uneconomically repairable, they will be evacuated to a depot for evaluation and analysis before final disposition.
T	High dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts are normally repaired or overhauled at depot maintenance activities.
U	Repair parts specifically selected for salvage by reclamation units because of precious metal content, critical materials, high dollar value reusable casings, or castings.
No Code Indicated	Parts will be considered expendable.

b. *Federal Stock Number, Column 2.* This column indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. *Description, Column 3.* This column indicates the Federal item name and any additional description of the item required. The abbreviation "w / e" when used as a part of the nomenclature, indicates the Federal stock number includes all armament, equipment, accessories, and repair parts issued with the item. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parentheses. Repair parts quantities included in the kits, sets, and assemblies are shown in front of the repair part name.

d. *Unit of Measure (U / M), Column 4.* A 2 character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

e. *Quantity Incorporated in Unit, Column 5.* This column indicates the quantity of the item used in a functional group or assembly. A "V" appearing in this column in lieu of a quantity indicates that a definite quantity cannot be indicated (e.g., shims, spacers, etc).

f. *30 - Day DS / GS Maintenance Allowances, Columns 6 and 7. Note.* Allowances in GS column are for GS maintenance only.

(1) The allowance columns are divided into three subcolumns. Indicated in each subcolumn, opposite the first appearance of each item, is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have the letters "REF" in the applicable allowance columns. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for DS / GS levels of maintenance will represent initial stockage for a 30-day period for the number of equipments supported.

(3) Determination of the total quantity of parts required for maintenance of more than 100 of these equipments can be accomplished by converting the equipment quantity to a decimal factor by placing a decimal point before the next to last digit of the number to indicate hundredths, and multiplying the decimal factor by the parts quantity authorized in the 51-100 allowance column. Example, authorized allowance for 51-100 equipments is 40; for 150 equipments multiply 40 by 1.50 or 60 parts required.

g. *1 - Year Allowances Per 100 Equipments / Contingency Planning Purposes, Column 8.* This column indicates opposite the first appearance of each item the total quantity required for distribution and contingency planning purposes. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for one year.

h. *Depot Maintenance Allowance Per 100 Equipments, Column 9.* This column indicates opposite the first appearance of each item, the total quantity authorized for depot maintenance of 100 equipments. Subsequent appearances of the same item will have the letters "REF" in the allowance column. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

i. *Illustration, Column 10.* This column is divided as follows:

(1) *Figure Number, Column 10a.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item Number, Column 10b.* Indicates the callout number used to reference the item in the illustration.

B-4. How to Locate Repair Parts

a. When Federal stock number or reference number is unknown:

(1) *First.* Using the table of contents, determine the functional group or assembly within which the repair part belongs. This is necessary since the illustrations are prepared for functional groups or assemblies and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group or assembly to which the repair part belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing find the functional group or assembly to which the repair part belongs and locate the illustration figure and item number noted on the illustration.

b. When the Federal stock number or reference number is known:

(1) *First.* Using the Index of Federal Stock

Numbers and Reference Numbers find the pertinent Federal stock number or reference number. This index is in ascending FSN sequence followed by a list of reference numbers in ascending alpha-numeric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* Using the Repair Parts Listing, find the functional group or assembly of the repair part and the illustration figure number and item number referenced in the Index of Federal Stock Numbers and Reference Numbers.

B-5. Abbreviations

Abbreviations	*Explanation*
DBL-END	double end
DIA	diameter
FIL-HD	fillister head
FL-CK-HD	flat countersunk head
GND	ground
LG	length
LH	left hand
MAX	maximum
MIN	minimum
NC	National coarse (thread)
NF	National fine (thread)
NS	National special (thread)
PHOS-CTD	phosphate coated
PHOS-CTD-FIN	phosphate coated finish
PHOS-FIN	phosphate finish
RD	round
RH	right hand
S	steel
SGLE-END	single end
SM	small
SQ	square
STK	stock
THD	thread
UNC	unified coarse thread
UNF	unified fine thread

B-6. Federal Supply Codes for Manufacturers

Code	*Manufacturer*
00000	Ordnance Corps
16059	Devcon Corp
19204	Rock Island Arsenal
19205	Springfield Armory
19206	Watervliet Arsenal
24617	General Motors Corp
81348	Federal Specifications
96906	Military Standards

Section II. REPAIR PARTS LIST

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
				MAJOR ASSEMBLIES, GROUPS AND COMPONENTS												
P	C	..	1005-556-4076	MAGAZINE, CARTRIDGE: 5564076 (19205)	EA	1	6	16	32	6	16	32	384	90	B-1	1
P	C	..	1005-556-4074	PIN: RETAINING, GAS CYLINDER 5564074 (19205)	EA	1	2	2	3	2	2	3	36	12	B-1	2
A	O	..	.....	GAS CYLINDER AND FORE END GROUP											B-1	3
P	C	..	1005-601-9680	PIN, RETAINING, TRIGGER GUARD: 6019680 (19205)	EA	1	2	2	3	2	2	3	36	6	B-1	4
P	F	R	1005-653-5469	GUARD ASSEMBLY, TRIGGER: 6535469 (19204)	EA	1	*	*	1	*	*	1	12	4	B-1	5
P	F	..	5315-502-2234	PIN, STRAIGHT, HEADLESS: S, PHOS-FIN, 0.2805 MIN DIA, 0.2815 MAX X 1.545-.01 DIA (HAMMER) 5022234 (00000)	EA	1	2	2	2	2	2	2	24	15	B-1	6
P	F	..	1005-601-9643	HAMMER: 6019643 (19205)	EA	1	*	2	2	*	2	2	24	5	B-1	7
A	F	..	.....	SLIDE AND PISTON GROUP											B-1	8
A	O	..	.....	BOLT GROUP											B-1	9
A	F	..	.....	BUTT STOCK, BUFFER AND ACTUATOR GROUP											B-1	10
P	F	..	1005-214-0896	BEARING, FLASH HIDER AND BIPOD: 7162966 (19205)	EA	1	*	2	2	*	2	2	24	12	B-1	11
A	F	..	.....	BIPOD ASSEMBLY											B-1	12
P	F	..	1005-614-7333	WASHER, FRICTION: BIPOD BEARING 6147333 (19205)	EA	1	2	2	4	2	2	4	48	25	B-1	13
P	F	R	1005-653-5423	SIGHT ASSEMBLY: REAR 6535423 (19205)	EA	1	*	*	1	*	*	1	12	25	B-1	14
A	F	..	.....	BARREL AND RECEIVER GROUP											B-1	15
				TRIGGER GUARD ASSEMBLY												
P	F	..	1005-601-9639	EJECTOR, SMALL ARMS CARTRIDGE: 6019639 (19205)	EA	1	2	2	2	2	2	2	24	5	B-2	1
P	F	..	1005-502-2225	LOCK: EJECTOR 5022225 (19205)	EA	1	2	2	2	2	2	2	24	12	B-2	2
P	F	..	1005-515-3132	SPRING, HELICAL, COMPRESSION: S, 0.107 ID OF SPRING, 15-1/2 COILS, EJECTOR LOCK 5153132 (19205)	EA	1	2	2	2	2	2	2	24	12	B-2	3
P	C	..	1005-515-3130	SPRING, HELICAL, COMPRESSION: S, 0.350 DIA STK, 0.36 OD, 4 COILS, MAGAZINE CATCH 5153130 (19205)	EA	1	2	2	4	2	2	4	48	16	B-2	4

Section II. REPAIR PARTS LIST — Continued

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description / Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
P	C	..	5315-502-2238	PIN, STRAIGHT, HEADLESS: S, GND, 0.1245 IN MIN DIA, 0.1255 MAX DIA X 1.015-.010 LG (MAGAZINE CATCH OR TRIGGER) 5022238 (00000)	EA	2	2	3	5	2	3	5	60	39	B-2	5
P	F	..	1005-502-2216	CATCH, MAGAZINE: 5022216 (19205)	EA	1	2	2	2	2	2	2	24	6	B-2	6
P	F	..	1005-502-2242	RELEASE, MAGAZINE: 5022242 (19205)	EA	1	*	2	2	*	2	2	24	3	B-2	7
P	C	..	1005-601-9662	SPRING, SEAR: 6019662 (19205)	EA	1	2	2	4	2	2	4	48	100	B-2	8
P	F	..	5315-502-2237	PIN, STRAIGHT, HEADLESS: S, PHOS-FIN., 0.203 MIN DIA, 3/32 LG (SEAR) 5022237 (00000)	EA	1	2	2	2	2	2	2	24	6	B-2	9
P	F	..	1005-556-4299	SEAR: 5564299 (19204)	EA	1	2	2	2	2	2	2	24	10	B-2	10
P	F	..	1005-614-7487	LEVER, LOCK RELEASE: 6147487 (19204)	EA	1	*	2	2	*	2	2	24	5	B-2	11
P	O	..	1005-614-7490	SPRING: CHANGE AND STOP LEVER 6147490 (19205)	EA	1	2	2	2	2	2	2	24	100	B-2	12
P	F	..	1005-614-7499	CARRIER ASSEMBLY: SEAR 6147499 (19205)	EA	1	*	2	2	*	2	2	24	3	B-2	13
P	F	..	1005-209-9802	SPRING, HELICAL, COMPRESSION: S, 0.090 DIA STK, 0.400 OD, 6 COILS, TRIGGER GUARD ASSEMBLY 5153133 (19205)	EA	1	*	2	2	*	2	2	24	4	B-2	14
P	O	..	1005-601-9636	CONNECTOR: TRIGGER 6019636 (19205)	EA	1	2	2	2	2	2	2	24	4	B-2	15
P	F	..	1005-601-9684	TRIGGER: 6019684 (19205)	EA	1	*	2	2	*	2	2	24	3	B-2	16
P	F	..	1005-550-9071	LEVER: CHANGE 5509071 (19205)	EA	1	*	2	2	*	2	2	24	5	B-2	17
X1		..		BODY, TRIGGER GUARD: 6535470	..	1									B-2	18
				BOLT GROUP												
P	C	..	1005-601-9652	PIN, FIRING: 6019652 (19204)	EA	1	*	2	2	*	2	2	24	20	B-3	1
P	F	..	5315-502-2235	PIN, STRAIGHT, HEADLESS: S, PHOS-FIN, 0.2805 MIN DIA X 0.0996-0.006 LG (BOLT LINK) 5022235 (00000)	EA	1	*	2	2	*	2	2	24	14	B-3	2
P	F	..	1005-601-9646	LINK: BOLT 6019646 (19205)	EA	1	2	2	2	2	2	2	24	11	B-3	3

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
P	C	..	1005-620-1267	EXTRACTOR: CARTRIDGE CASE 5509090 (19204)	EA	1	2	2	2	2	2	2	24	10	B-3	4
P	C	..	1005-502-2202	SPRING, EXTRACTOR: 5022202 (19205)	EA	1	2	2	4	2	2	4	48	100	B-3	5
P	F	..	1005-601-9695	BOLT, BREECH: 6019695 (19205)	EA	1	*	*	2	*	*	2	24	14	B-3	6
				GAS CYLINDER AND FORE END GROUP	EA											
P	F	..	1005-300-5337	SHIELD, FORE END: 7267379 (19205)	EA	1	2	2	2	2	2	2	24	25	B-4	1
P	O	R	1005-347-4257	CYLINDER ASSEMBLY, GAS: 7267819 (19205)	EA	1	*	1	1	*	1	1	12	12	B-4	2
X1				REGULATOR, GAS CYLINDER 7267816		1									B-4	3
X1				KEY, GAS CYLINDER 7267815		1									B-4	4
X1				BODY, GAS CYLINDER 7267818		1									B-4	5
P	F	..	5305-515-2754	SCREW, MACHINE: S, PHOS-FIN., NO. 10-32 NF, 3/8 LG 5152754 (00000)	EA	1	2	2	2	2	2	2	24	19	B-4	6
P	F	..	5310-947-3972	WASHER, FLAT: S, PHOS-CTD-FIN, RD, 0.190 ID, 0.380 OD, 0.033 THK 7313164 (19205)	EA	1	*	*	2	*	*	2	24	4	B-4	7
P	F	..	5305-502-2249	SCREW, MACHINE: S, PHOS-FIN., NO. 10-32 NF, 0.320 LG (FORE END, LONG) 5022249 (00000)	EA	1	2	2	2	2	2	2	24	10	B-4	8
P	F	..	1005-556-4206	FORE END, GUN: 5564206 (19205)	EA	1	*	2	2	*	2	2	24	42	B-4	9
A	F	..		SWIVEL ASSEMBLY: FRONT 5564073											B-4	10
P	F	..	5305-502-2244	SCREW, MACHINE: S, PHOS-FIN., FIL-HD, NO. 10-32NF-3A, 17/64 LG (FRONT SLING SWIVEL) 5022244 (00000)	EA	1	2	2	2	2	2	2	24	20	B-4	11
P	F	..	5340-502-2213	CLAMP, LOOP: S, PHOS-FIN., NO. 10 (0.190)-32 THD SIZE, 0.192 DIA HOLE (FRONT SLING SWIVEL) 5022213 (00000)	EA	1	*	2	2	*	2	2	24	3	B-4	13
P	F	..	1005-600-8890	SWIVEL, STOCK FERRULE: 6008890 (19205)	EA	1	*	2	2	*	2	2	24	6	B-4	12
P	F	..	1005-996-9588	CYLINDER, GAS, GUN: S, 0.670-28NS-2B X 0.935 LG 18.404 MAX O/A LG 11010531 (19204)	EA	1	2	2	2	2	2	2	24	21	B-4	14

Section II. REPAIR PARTS LIST — Continued

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description / Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
				SLIDE AND PISTON GROUP												
P	F	..	1005-601-9677	GUIDE ASSEMBLY, RECOIL: 6019677 (19205)	EA	1	2	2	2	2	2	2	24	15	B-5	1
P	C	..	1005-515-3128	SPRING, HELICAL, COMPRESSION: S, 0.0430 DIA STK, 0.325 OD, 130 COILS, SLIDE AND PISTON 5153128 (19205)	EA	1	2	2	4	2	2	4	48	100	B-5	2
P	F	..	1005-731-3513	SLIDE ASSEMBLY: 7313513 (19205)	EA	1	*	2	2	*	2	2	24	14	B-5	3
P	F	..	5315-058-6082	PIN, SPRING: S, PHOS-CTD, 1/8 DIA, 11/16 LG (SLIDE AND BOTTOM OF PISTON) MS 9047-103 (96906)	EA	1	2	2	2	2	2	2	24	100	B-5	4
P	F	..	1005-731-3467	PISTON ASSEMBLY, GAS: 7313467 (19205)	EA	1	*	2	2	*	2	2	24	20	B-5	5
X1		.....	.....	SLIDE: 5509076	...	1	...	...	...	...	...	...	...	.....	B-5	6
				BUTT STOCK, BUFFER AND ACTUATOR GROUP												
P	F	..	5305-515-3084	SCREW, MACHINE: S, PHOS-FIN., FL-CK-HD, 5/16-18 UNC-2A, 1 3/8 LG (BUTT PLATE, LONG) 5153084 (19205)	EA	1	2	2	2	2	2	2	24	13	B-6	1
P	F	..	1005-731-3114	PLATE ASSEMBLY, BUTT, HINGED: 7313114 (19205)	EA	1	*	2	2	*	2	2	24	10	B-6	2
P	F	..	5305-501-3745	SETSCREW: S, HDLS, 5/16 (0.312)-24 UNF-2A, 0.312 LG (BUTT PLATE) 5013745 (19205)	EA	1	2	2	2	2	2	2	24	6	B-6	3
P	F	..	1005-501-3747	SPRING HELICAL, COMPRESSION: S, 0.041 DIA STK, 0.240 OD, 9 COILS, BUTT PLATE LOCK 5013747 (19204)	EA	1	2	2	2	2	2	2	24	12	B-6	4
P	F	..	3110-100-6178	BALL, BEARING: S, 1/4 DIA, (BUTT PLATE ASSEMBLY) 104918 (24617)	EA	1	2	2	2	2	2	2	24	10	B-6	5
P	F	..	5315-501-3746	PIN, STRAIGHT HEADLESS: S, PHOS-FIN., 0.128 MIN DIA, 0.219 MAX DIA X 1.175-01 (BUTT PLATE HINGE) 5013746 (00000)	EA	1	*	2	2	*	2	2	24	7	B-6	6
P	D	..	1005-614-7321	BODY: BUTT PLATE, OUTER 6147321 (19205)	EA	1	...	...	...	...	...	...	...	4	B-6	7
P	F	..	1005-731-3115	PLATE: BUTT, INNER 7313115 (19205)	EA	1	*	2	2	*	2	2	24	3	B-6	8
P	F	..	1005-556-4298	SLEEVE STOCK: RETAINING 5564298 (19205)	EA	1	*	2	2	*	2	2	24	12	B-6	9
P	F	..	5310-013-1203	WASHER, LOCK: S, PHOS-CTD, 1/2 ID, 0.877 OD, 0.099 THK (STOCK RETAINING SLEEVE) MS 35337-67 (96906)	EA	1	2	2	4	2	2	4	48	50	B-6	10

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
P	F	..	1005-726-6155	STOCK GUN, SHOULDER: 7266155 (19205)	EA	1	*	*	2	*	*	2	24	10	B-6	11
P	F	..	5305-013-4302	SCREW, MACHINE: OVAL-HEAD, S, PHOS-CTD, NO. 10-24-NC-2A X 1 (BUTT SWIVEL BRACKET) 134302 (24617)	EA	2	2	2	4	2	2	4	48	55	B-6	12
P	F	..	1005-726-6132	SWIVEL, BUTT ASSEMBLY: 7266132 (19205)	EA	1	*	2	2	*	2	2	24	6	B-6	13
P	F	..	1005-515-3134	SPRING, HELICAL, COMPRESSION: S, 0.301 MIN ID OF SPRING, 77 COILS, ACTUATOR 5153134 (19205)	EA	1	2	3	5	2	3	5	60	100	B-6	14
P	F	..	1005-614-7486	ACTUATOR: SEAR RELEASE 6147486 (19205)	EA	1	2	2	2	2	2	2	24	6	B-6	15
P	F	..	1005-614-7495	TUBE: W/BUFFER ACTUATOR CAP 6147495 (19205)	EA	1	*	2	2	*	2	2	24	13	B-6	16
P	F	..	1005-515-3131	SPRING, HELICAL, COMPRESSION: S, 0.710 MIN ID OF SPRING, 4-1/2 COILS, BUFFER 5153131 (19205)	EA	1	*	2	2	*	2	2	24	4	B-6	17
P	F	..	5365-502-2217	BUSHING, TAPERED: BUFFER 5022217 (19205)	EA	4	*	2	2	*	2	2	24	8	B-6	18
P	F	..	1005-502-2218	CUP, FRICTION: BUFFER 5022218 (19205)	EA	4	*	2	2	*	2	2	24	6	B-6	19
P	F	..	1005-515-2881	KEY, BUFFER: 5152881 (19205)	EA	1	*	2	2	*	2	2	24	9	B-6	20
P	F	..	1005-614-7491	RELEASE, SEAR: 6147491 (19205)	EA	1	2	2	4	2	2	4	48	3	B-6	21
P	F	..	1005-614-7492	HEAD, BUFFER: 6147492 (19205)	EA	1	*	2		*	2	2	24	3	B-6	22
				BIPOD ASSEMBLY												
P	F	..	5305-515-2774	THUMBSCREW: S, PHOS-FIN., 5/16-24-UNF-2A, 17/32 LG 5152774 (19205)	EA	4	2	2	2	2	2	2	24	100	B-7	1
P	F	..	1005-731-2235	LEG: BIPOD 7312235 (19205)	EA	2	2	2	4	2	2	4	48	50	B-7	2
P	F	..	1005-731-2238	KEY, BIPOD ASSEMBLY: 7312238 (19205)	EA	2	3	7	16	3	7	16	192	50	B-7	3
P	F	..	1005-731-2236	LEG: SLIDING, RH 7312236 (19205)	EA	1	*	2	2	*	2	2	24	55	B-7	4
P	F	..	1005-731-2237	LEG: SLIDING, LH 7312237 (19205)	EA	1	*	2	2	*	2	2	24	55	B-7	5
P	F	..	1005-614-7337	BODY, BIPOD: 6147337 (19205)	EA	1	*	2	2	*	2	2	24	28	B-7	6

Section II. REPAIR PARTS LIST — Continued

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
				REAR SIGHT ASSEMBLY												
P	F	..	5305-501-3158	SETSCREW: (REAR SIGHT BASE) 5013158 (00000)	EA	1	*	*	2	*	*	2	24	10	B-8	1
P	F	..	5315-845-4231	PIN, SPRING: TUBULAR COILED, S, PHOS-FIN., 1/16 NOM DIA, 9/16 LG (REAR SIGHT WINDAGE KNOB) MS39086-56 (96906)	EA	1	*	2	2	*	2	2	24	100	B-8	2
P	F	..	1005-600-8809	KNOB, REAR SIGHT WINDAGE SCREW: 6008809 (19205)	EA	1	*	*	2	*	*	2	24	10	B-8	3
P	F	..	1005-501-3155	PLUNGER, REAR SIGHT WINDAGE CLICK: 5013155 (19204)	EA	1	*	2	2	*	2	2	24	12	B-8	4
P	F	..	1005-501-3154	SPRING, HELICAL, COMPRESSION: S, 0.018 DIA STK 0.118 OD, 10-½ COILS, REAR SIGHT WINDAGE CLICK 5013154 (19204)	EA	1	*	2	2	*	2	2	24	25	B-8	5
P	F	..	5305-501-3160	SETSCREW: S, OVAL-CK-UNDERCUT-HD, NON STD PT, 0.200-32NS, 1.868 LG (REAR SIGHT WINDAGE) 5013160 (00000)	EA	1	*	2	2	*	2	2	24	10	B-8	6
P	F	..	1005-556-4208	LEAF, REAR SIGHT: 5564208 (19205)	EA	1	*	*	2	*	*	2	24	8	B-8	7
P	F	..	5305-515-3167	SCREW, REAR SIGHT WINDAGE SCALE 5153167 (00000)	EA	2	*	*	2	*	*	2	24	50	B-8	8
P	F	..	1005-501-3159	SCALE, WINDAGE, REAR SIGHT: 5013159 (19204)	EA	1	*	*	2	*	*	2	24	4	B-8	9
P	F	..	1005-726-6108	SPRING: REAR SIGHT BASE 7266108 (19205)	EA	1	*	*	2	*	*	2	24	10	B-8	10
X1	..	..	.....	BASE, REAR SIGHT 7265564	..	1	.....							...	B-8	11
				BARREL AND RECEIVER GROUP												
A	F	..	.....	OPERATING HANDLE GROUP	.....									...	B-9	1
P	F	..	1005-502-2236	PIN, OPERATING HANDLE: PLUNGER 5022236 (19205)	EA	1	*	2	2	*	2	2	24	15	B-9	2
P	F	..	1005-502-2241	PLUNGER: OPERATING HANDLE 5022241 (19204)	EA	1	*	2	2	*	2	2	24	5	B-9	3
P	F	..	1005-515-3129	SPRING, HELICAL, COMPRESSION: S, 0.031 DIA STK, 0.263 OD, 5 COILS, OPERATING HANDLE PLUNGER 5153129 (19205)	EA	1	2	2	2	2	2	2	64	12	B-9	4
P	F	..	1005-550-9070	HANDLE: OPERATING 5509070 (19205)	EA	1	*	*	2	*	*	2	24	3	B-9	5
A	F	..	.....	RECEIVER GROUP	.....									...	B-9	6
P	F	..	5315-502-2228	PIN, STRAIGHT, HEADLESS: RETAINING, CHANGE LEVER STOP SPRING 5022228 (00000)	EA	1	2	2	2	2	2	2	24	20	B-9	7

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No
P	F	..	1005-601-9697	SPRING ASSEMBLY: CHANGE LEVER STOP 6019697 (19205)	EA	1	2	2	2	2	2	2	24	20	B-9	8
P	F	..	1005-502-2251	SPRING, BOLT: GUIDE 5022251 (19205)	EA	1	2	2	2	2	2	2	24	6	B-9	9
P	F	..	1005-614-7130	GUIDE, BOLT: 6147130 (19205)	EA	1	2	2	2	2	2	2	24	12	B-9	10
P	F	..	1005-614-7493	TUBE, BUFFER: 6147493 (19205)	EA	1	*	2	2	*	2	2	24	5	B-9	11
P	D	..	1005-601-9653	PLATE, TOP: 6019653 (19205)	EA	1								3	B-9	12
X	..	..	.....	RECEIVER 6535373	..	1								....	B-9	13
A	F	..	.....	BARREL GROUP	..									....	B-9	14
P	F	..	1005-614-7381	BLADE, FRONT SIGHT: 6147381 (19205)	EA	1	2	2	2	2	2	2	24	20	B-9	15
P	F	R	1005-650-8769	BARREL ASSEMBLY: 6508769 (19205)	EA	1	*	1	2	*	1	2	24	35	B-9	16
P	F	..	5315-502-2230	PIN, STRAIGHT, HEADLESS: S, PHOS-FIN., 0.0900 MIN DIA, 0.0907 MAX DIA X 0.505-.010 LG (FRONT SIGHT KEY) 5022230 (00000)	EA	1	*	2	2	*	2	2	24	8	B-9	17
P	H	..	1005-601-9630	BASE: FRONT SIGHT 6019630 (19205)	EA	1				*	2	2	24	6	B-9	18
P	F	..	5315-502-2223	KEY, MACHINE: S, PHOS-FIN., 1.050, 0.002 OVER-ALL LG (FRONT SIGHT(5022223 (00000)	EA	1	*	2	2	*	2	2	24	2	B-9	19
X1	..	..	.....	BARREL 6523300	..	1								....	B-9	20
				WINTER TRIGGER KIT												
X1	..	..	.....	TRIGGER ASSEMBLY, WINTER: 7790809	..	1								....	B-10	1
P	O	..	5305-990-6435	SCREW, TAPPING, THREAD FORMING: 7791415 (19205)	EA	2	*	*	*	*	*	*	12	...	B-10	2
P	O	..	1005-010-5022	WASHER, HINGE RETAINING: TRIGGER ASSEMBLY 7791237 (19205)	EA	2	*	*	*	*	*	*	12	...	B-10	3
P	O	..	1005-778-0581	SAFETY, WINTER: 7790904 (19205)	EA	1	*	*	*	*	*	*	12	...	B-10	4

Section III. SPECIAL TOOLS LIST

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description Reference Number & Mfr Code — Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-10(	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
				TOOLS AND EQUIPMENT AUTHORIZED FOR UNIT REPLACEMENT												
			1005-288-3565	SWAB, SMALL ARMS CLEANING: COTTON, 2-½ SQ (1000 IN PKG) 5019316 (19204)	MX											
			1005-550-6573	CASE, SMALL ARMS CLEANING ROD: 5506573 (19024)	EA										B-11	1
			1005-550-7913	FILLER: MAGAZINE 5507913 (19205)	EA										B-12	2
			1005-555-9738	BAG: CANVAS, SPARE PARTS 5559738 (19205)	EA										B-11	3
			1005-556-4174	BRUSH, CLEANING, SMALL ARMS: BORE 5564174 (19204)	EA										B-11	8
			1005-556-4177	COVER: FRONT SIGHT 5564177 (19205)	EA										B-11	6
			1005-610-8828	BRUSH, CLEANING, SMALL ARMS: M6, CHAMBER 6108828 (19206)	EA										B-11	4
			1005-652-8362	BRUSH SET, CLEANING, SMALL ARMS: CHAMBER 6528362 (19205)	EA										B-11	7
			1005-714-9749	SLING, SMALL ARMS: 7149749 (19204)	EA										B-12	1
			1005-716-2547	CAP: MAGAZINE 7162547 (19205)	EA										B-11	5
			1005-722-8907	ENVELOPE: FABRIC, 2-BUTTON, 3 X 4 - 7/8 7228907 (19205)	EA										B-11	2
			1005-726-6109	ROD SECTION, CLEANING, SMALL ARMS: 7266109 (19205)	EA										B-12	8
			1005-726-6110	SWAB HOLDER SECTION, SMALL ARMS CLEANING ROD: 7266110 (19204)	EA										B-12	9
			1005-731-2902	HANDLE: CARRYING 7312902 (19205)	EA										B-12	5
			1005-793-6761	HANDLE ASSEMBLY: CLEANING ROD 7266115 (19204)	EA										B-12	10
			4933-508-0340	REAMER ASSEMBLY, GAS CYLINDER CLEANER: 7268211 (19205)	EA										B-12	4
			4933-628-9700	REFLECTOR, GUN BARREL: 7790138 (19205)	EA										B-12	6
			4933-652-9950	EXTRACTOR, RUPTURED CARTRIDGE CASE: 7790352 (19205)	EA										B-12	7

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
			4933-726-6450	WRENCH, COMBINATION: HOOK, SPANNER AND SCREWDRIVER 7266450 (19205)	EA										B-12	3
				THE FOLLOWING BASIC SMALL ARMS DIRECT AND GENERAL SUPPORT MAINTENANCE TOOL SET IS AUTHORIZED AS REQUIRED, TO ALL MAINTENANCE SUPPORT UNITS WITH A SMALL ARMS REPAIR MISSION.													
		R	4933-775-0366	TOOL SET, DIRECT AND GENERAL SUPPORT MAINTENANCE, BASIC SMALL ARMS: 8426358 (19205) NOTE: SEE SC 4933-95-CL-E04 FOR COMPONENTS	SE											
				THE FOLLOWING TOOL SETS ARE REQUISITIONED AND ISSUED, IF NOT OTHERWISE AUTHORIZED, TO MAINTENANCE UNITS PERFORMING DIRECT AND GENERAL SUPPORT MAINTENANCE OF THE MAJOR ITEMS. ITEMS MAY BE REQUISITIONED, AS REQUIRED, FOR REPLACEMENT UNDER THEIR INDIVIDUAL STOCK, NUMBERS.													
		R	4933-726-5845	TOOL SET, DIRECT AND GENERAL SUPPORT MAINTENANCE: 7265845 (19205) COMPOSED OF:	SE											
			4933-398-4106	1—GAGE, HEADSPACE: RIFLE 7319944 (19205)	EA										B-13	3
			4933-398-4107	1—GAGE, HEADSPACE: RIFLE 7319950 (19205)	EA										B-13	4
			4933-398-4108	1—GAGE, HEADSPACE: RIFLE 7319954 (19205)	EA										B-13	5
			4933-508-0340	3—REAMER ASSEMBLY, GAS CYLINDER CLEANER: 7268211 (19205)	EA										B-14	4
			4933-556-4343	1—GAGE, BREECHBORE: CAL. .30 5564343 (19205)	EA										B-13	7
			4933-631-6001	1—ALIGNMENT TOOL, BUFFER TUBE: CAL. .30 6316001 (19205)	EA										B-13	8
			4933-631-6006	1—BLOCK, VISE, BARREL HOLDING: 6316006 (19205)	EA										B-13	1

Section III. SPECIAL TOOLS LIST — Continued

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
			4933-726-6450	3—WRENCH, COMBINATION: HOOK, SPANNER, SCREWDRIVER 7266450 (19205)	EA										B-14	5
			5120-631-6005	1—WRENCH, OPEN END, FIXED: RECEIVER AND BARREL 6316005) (19204)	EA										B-14	3
			5140-315-2747	1—TOOL BOX, PORTABLE: W/TRAY, 7H, 7W, 16 LG GGGT558-1 (81348)	EA										B-14	1
			5220-507-7201	1—GAGE, RING, PLAIN: NO-GO, PISTON DIA, CAL. .30 5077201 (19205)	EA										B-13	2
			5220-507-7204	1—GAGE, PLUG, PLAIN CYLINDRICAL: NO-GO GAS CYLINDER, CAL. .30 5077204 (19205)	EA										B-13	6
			5220-710-6476	1—GAGE, PLUG, PLAIN CYLINDRICAL: FIRING PIN HOLE 7106476 (19205)	EA										B-14	2
		R	4933-726-5844	TOOL SET, DEPOT MAINTENANCE: 7265844 (19205) COMPOSED OF:	SE											
			4933-647-3696	1—FIXTURE, MEASURING, TRIGGERPULL: 7274758 (19204)	EA											
			4933-973-0626	1—GAGE, PLATE, COMPARATOR: CONTOUR OF POINT AND LENGTH OF FIRING PIN 11012181 (19205)	EA											
			4933-973-0639	1—GAGE, PLUG: SGL END, DIA OF FIRING PIN HOLE 7799810 (19205)	EA											
			4933-973-0641	1—GAGE, PLUG: DBL END, DIA OF PISTON HOLE ON GAS CYLINDER BODY 7799811 (19205)	EA											
			4933-973-0646	1—GAGE, SNAP: SINGLE END 7799812 (19205)	EA											
			4933-973-0652	1—GAGE, PLUG: SGL END, DIA OF BOLT LENGTH PIN HOLE 7799813 (19205)	EA											
			4933-973-0682	1—GAGE, PLUG: SGL END, DIA OF HAMMER PIN HOLE 7799814 (19205)	EA											

Section III. SPECIAL TOOLS LIST — Continued

(1) Source Maint and Recov Code (a) Source	(b) Maint	(c) Recov	(2) Federal Stock Number	(3) Description Reference Number & Mfr Code / Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 30 Day DS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30 Day GS Maintenance Allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 yr Alw Per 100 Equip Cntgcy	(9) Depot Maint Alw Per 100 Equip	(10) Illustration (a) Figure No.	(b) Item No.
			4933-973-0706	1—GAGE, SNAP: SGL END, SM DIA OF PISTON 7799815 (19205)	EA											
			4933-973-0720	1—GAGE, RING: GO, SM DIA OF PISTON 7799816 (19205)	EA											
			4933-973-0814	1—GAGE, PLUG: SGL END, MIN DIA THREAD BUTT PLATE SEAT 7799818 (19205)	EA											
			4933-973-0815	1—GAGE, INDICATING: HEADSPACE 7799819 (19205)	EA											
			4933-973-0821	1—GAGE, INDICATING: FIRING PIN PROTRUSION 7799820 (19205)	EA											
			4933-973-0829	1—GAGE, PLUG: DBL END, DIA HAMMER PIN HOLE 7799821 (19205)	EA											
			4933-973-0869	1—GAGE, FLUSH PIN: GAGES LENGTH TO LOCATION OF PISTON ASSY 7799836 (19205)	EA											
			4933-973-0924	1—GAGE, FIXTURE COMPARATOR: CONTOUR OF POINT AND LENGTH OF FIRING PIN 7799837 (19205)	EA											
			4933-973-0987	1—GAGE, INDICATOR: LOCATION OF CARTRIDGE FACE TO BOLT STOP 7799840 (19205)	EA											
				SPECIAL EQUIPMENT												
				THE FOLLOWING INDIVIDUAL ITEMS ARE AUTHORIZED FOR DEPOT REBUILD PROGRAM ONLY.												
			4933-838-5472	COVER, PROOF: FIRING: 7273975 (19204)	EA									*		
			4933-916-9207	STAND, FIRING: 7273901 (19205)	EA									*		
			4933-917-5634	COMPARATOR, OPTICAL 7315513 (19205)	EA									*		

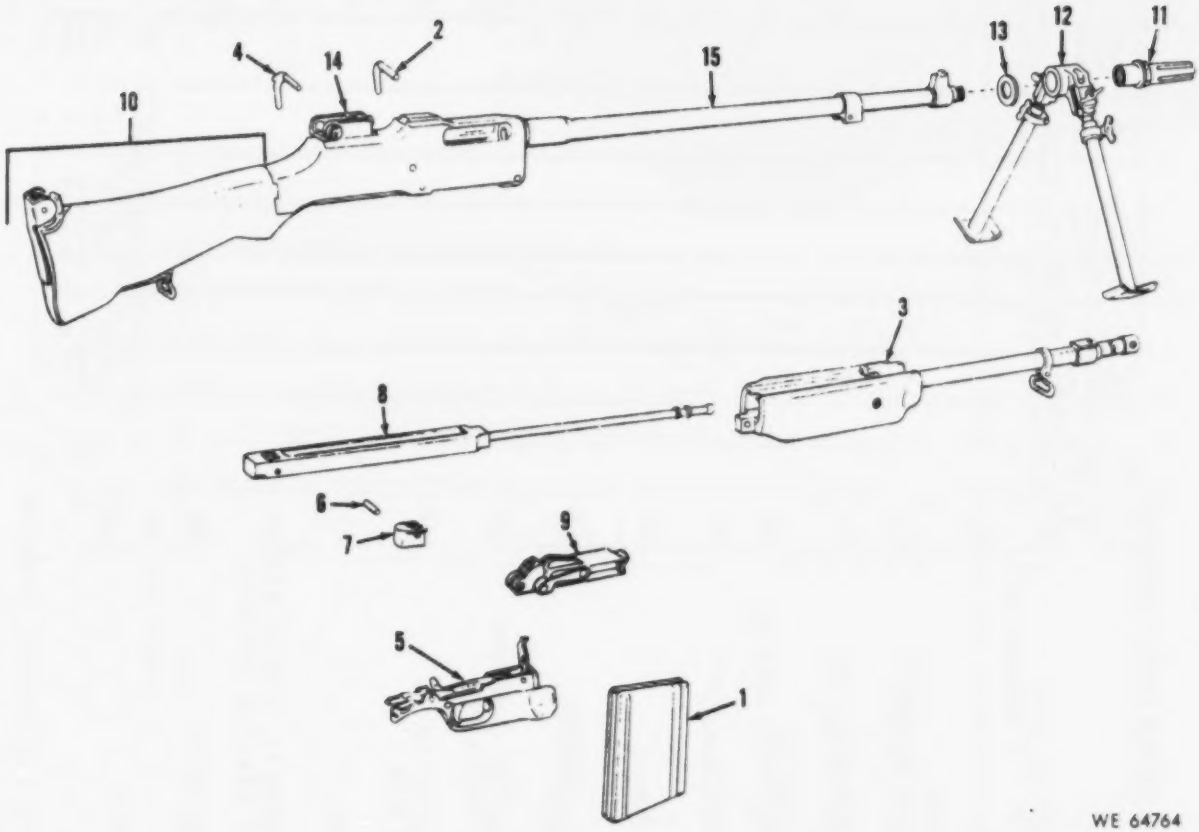


Figure B-1. Caliber .30 Browning Automatic Rifle M1918A2 — major assemblies, groups, and components.

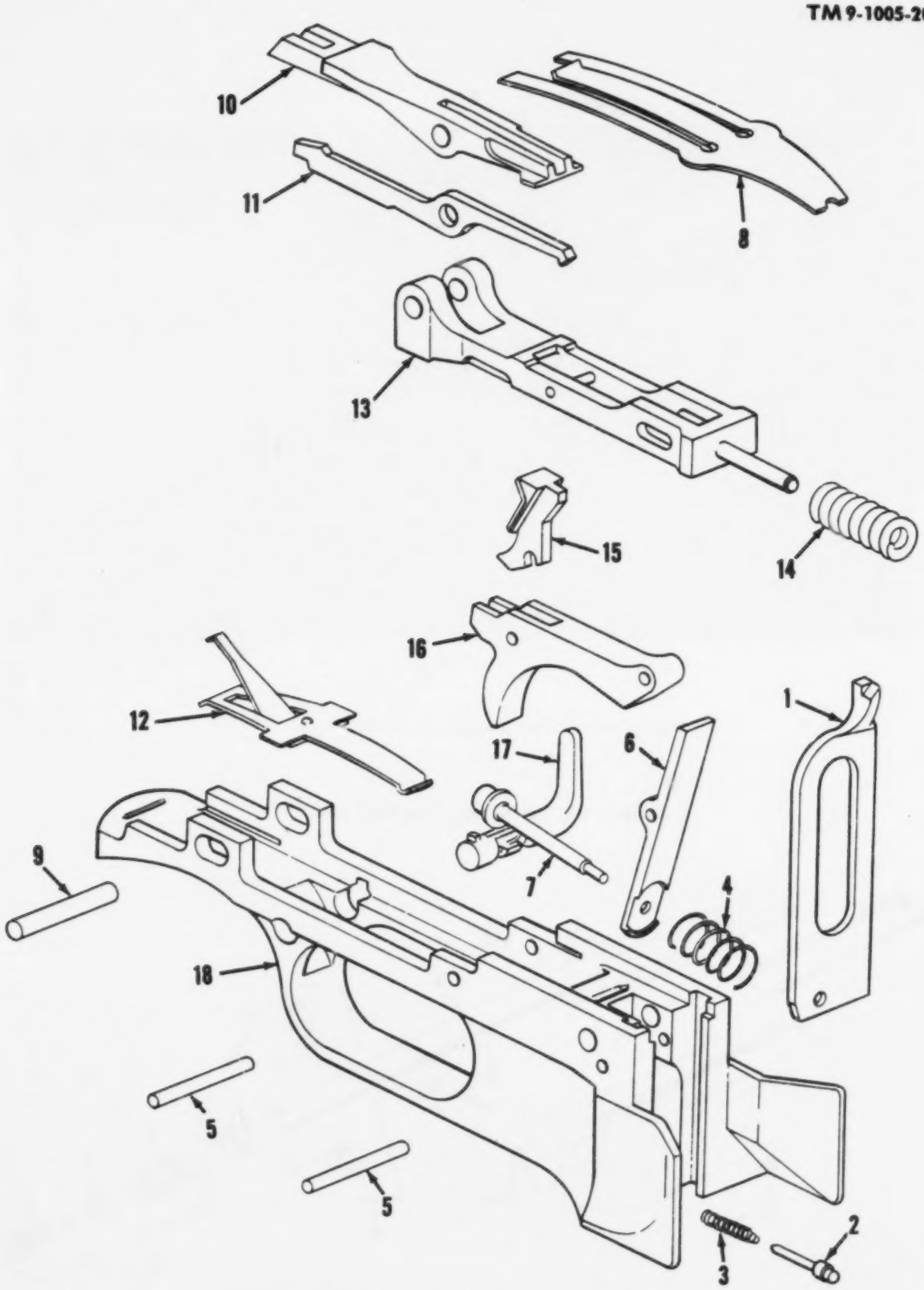


Figure B-2. Trigger guard assembly — exploded view.

WE 64755

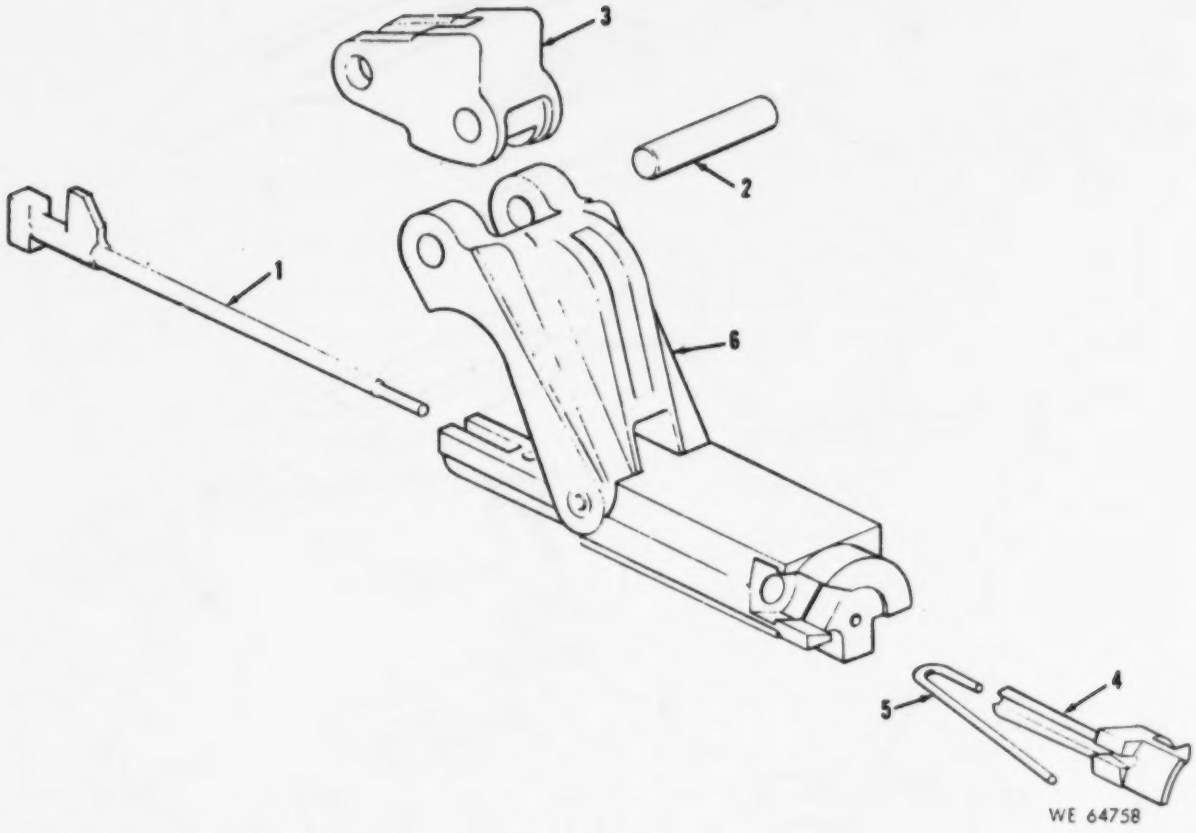


Figure B-3. Bolt Group — exploded view.

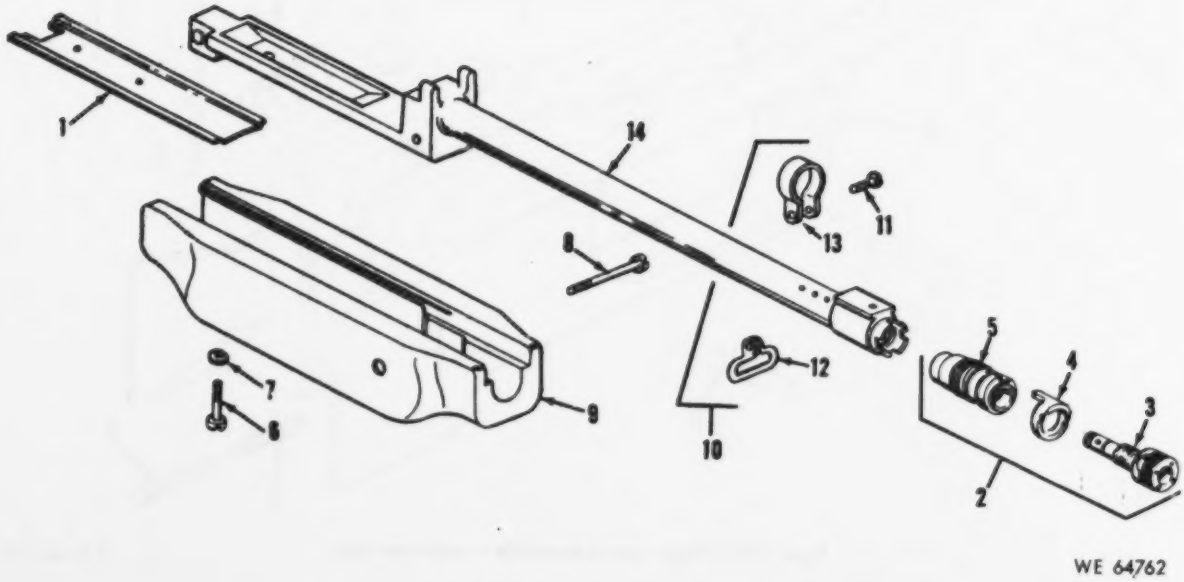


Figure B-4. Gas cylinder and fore end group — exploded view.

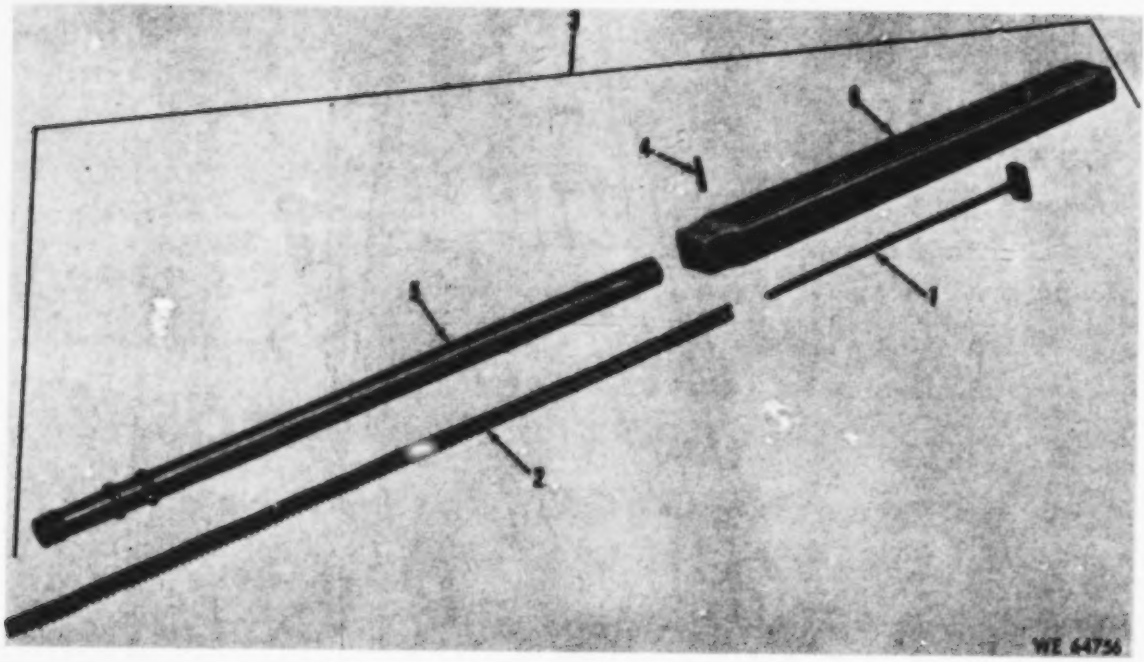


Figure B-5. Slide and piston group — exploded view.

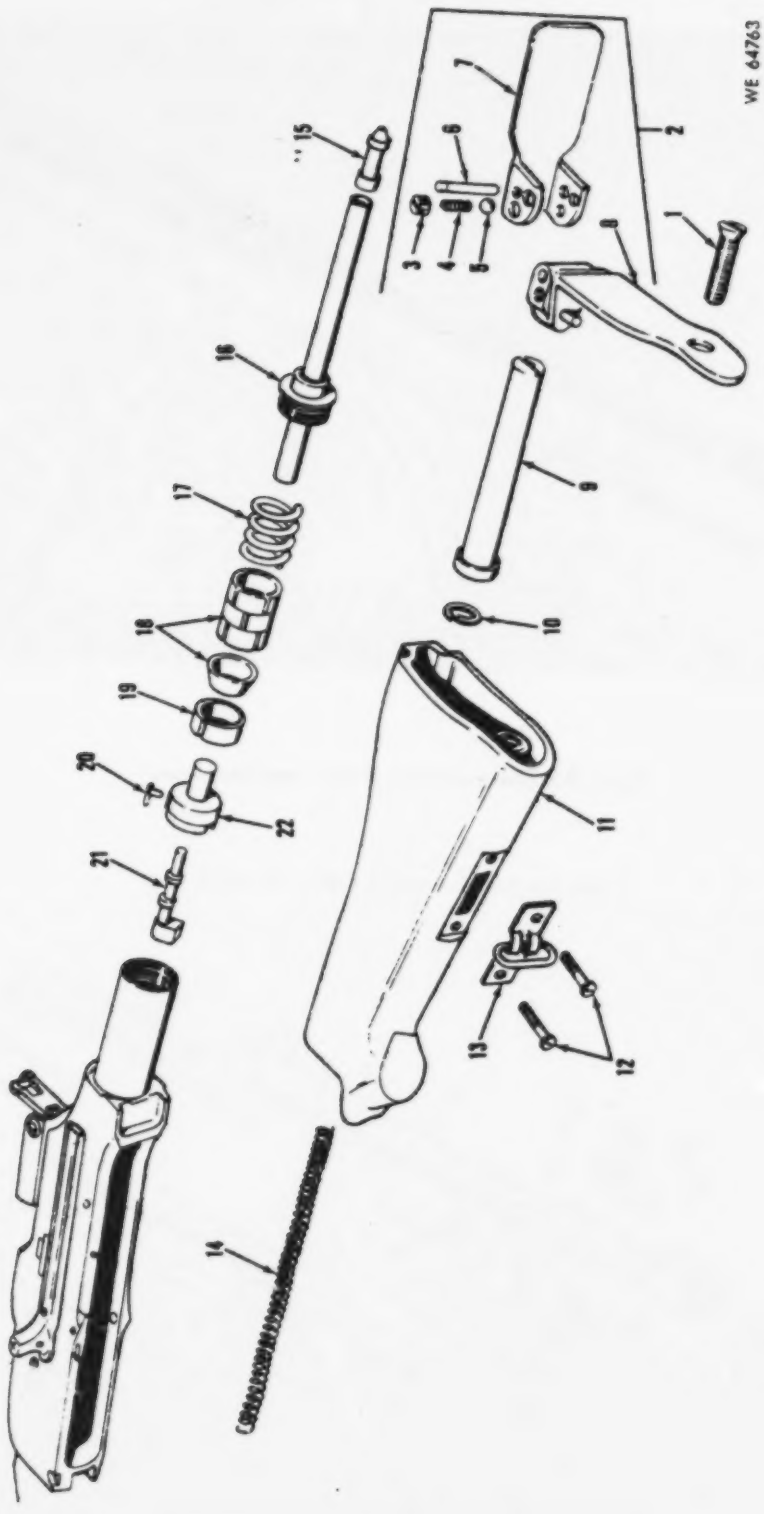


Figure B-6. Butt stock, buffer and actuator group — exploded view.

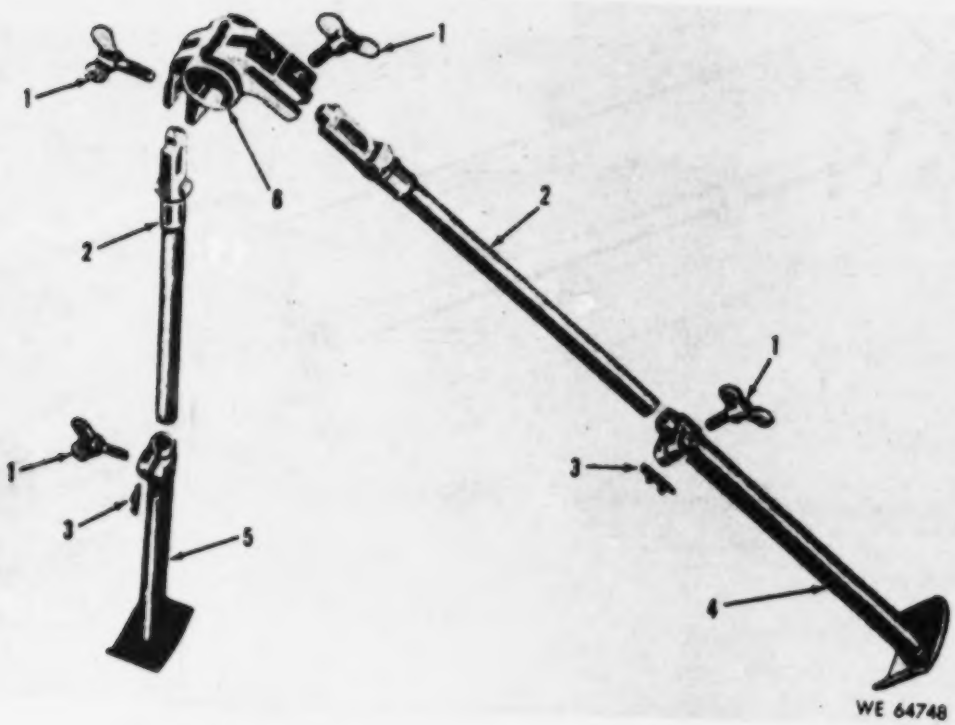


Figure B-7. Bipod assembly — exploded view.

Figure B-8. Rear sight assembly — exploded view.

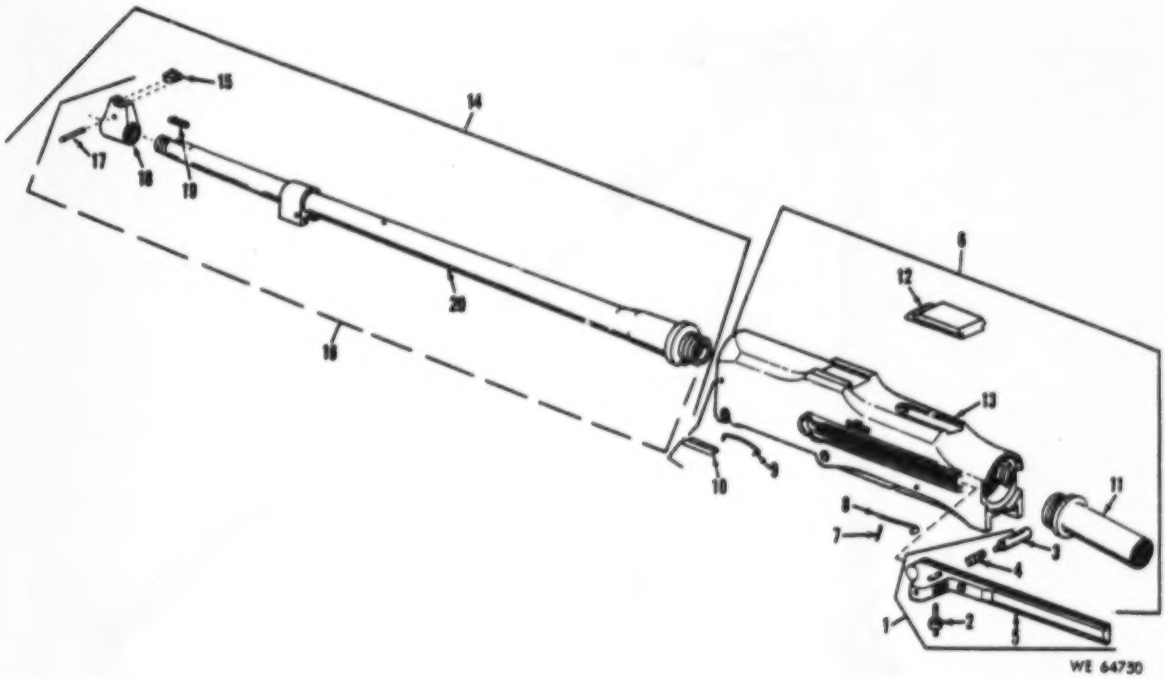


Figure B-9. Barrel and receiver group — exploded view.

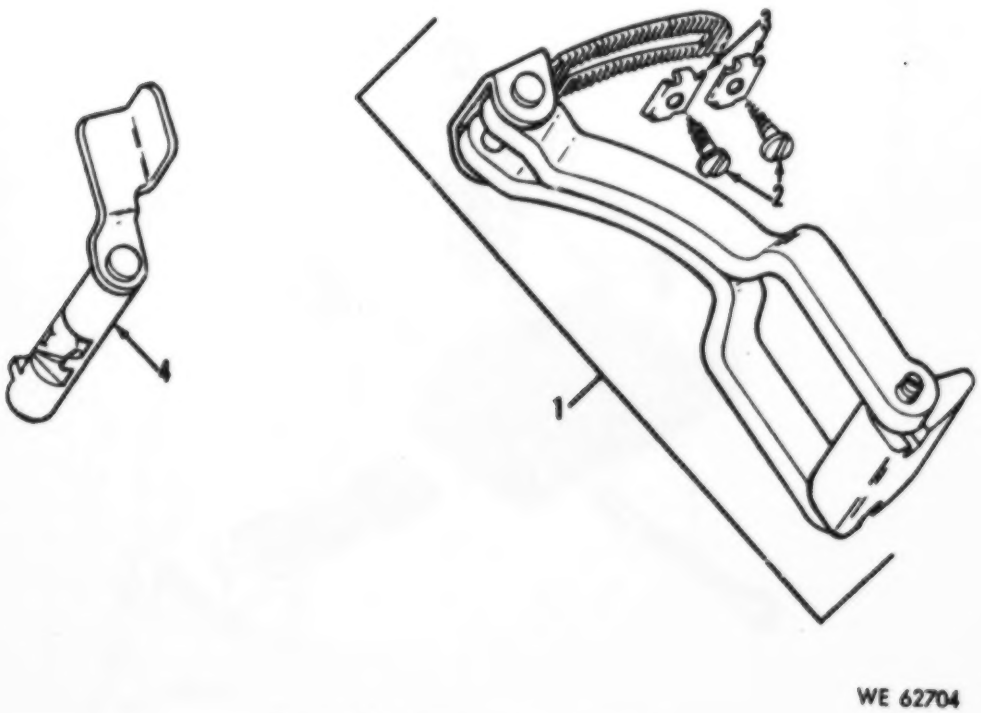


Figure B-10. Winter trigger kit — exploded view.

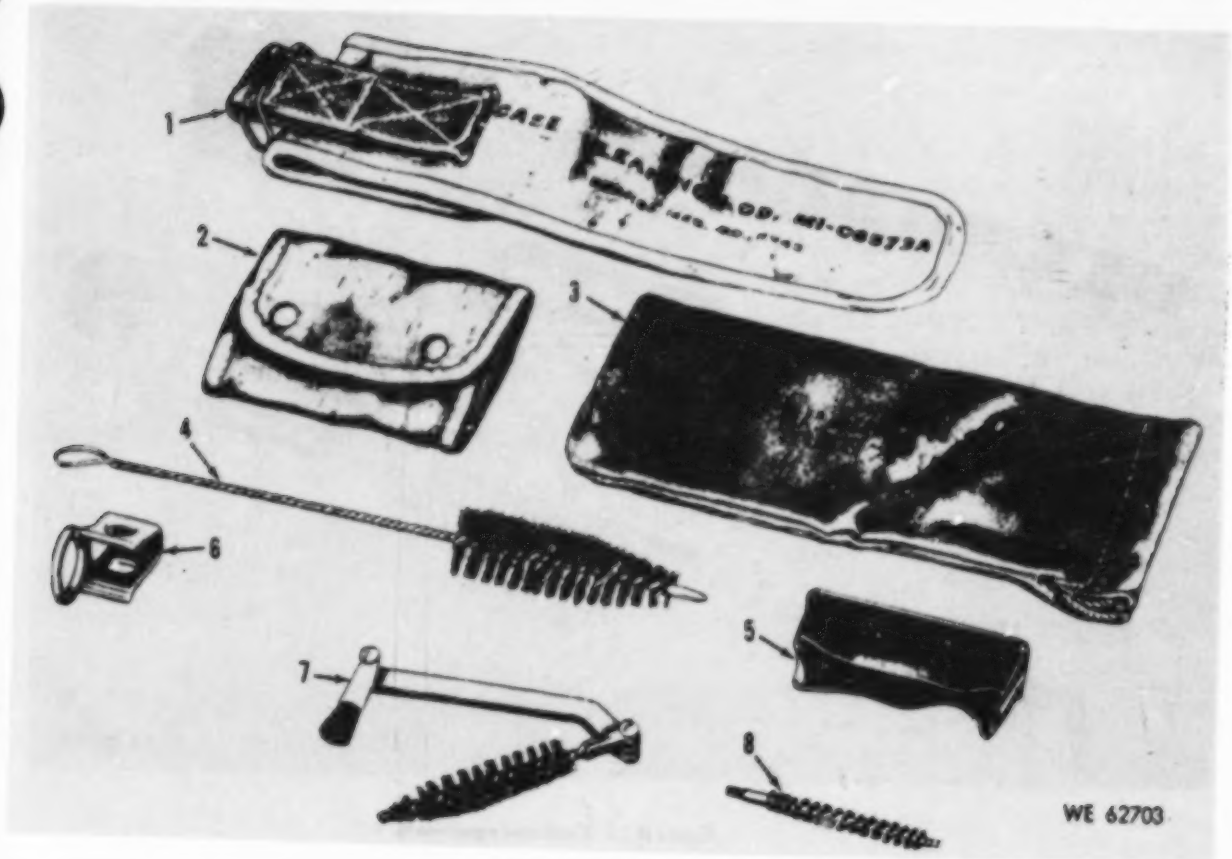


Figure B-11. Tools and equipment.

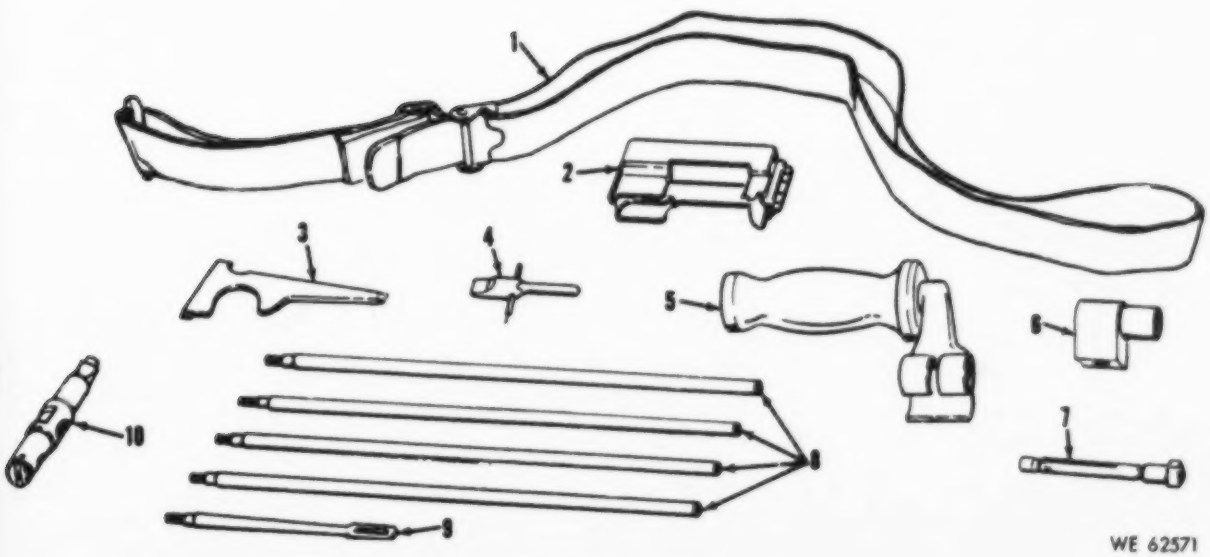


Figure B-12. Tools and equipment.

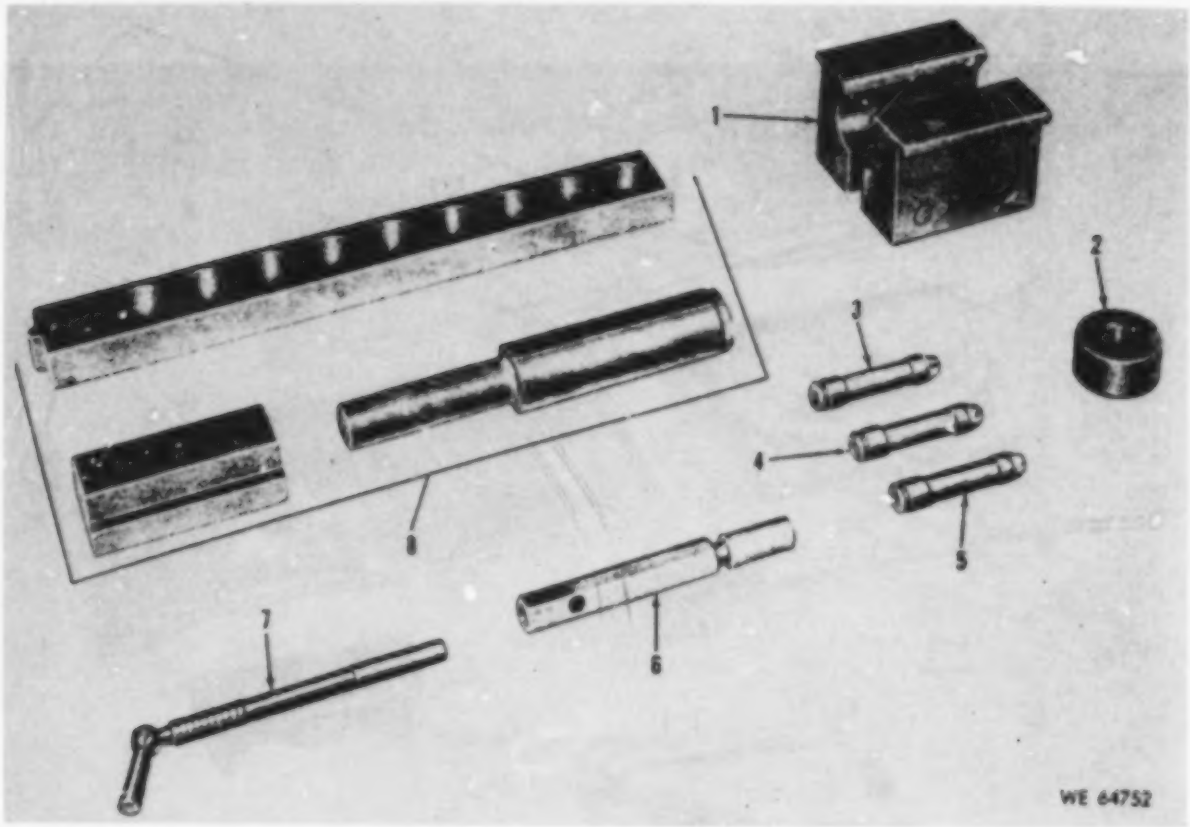


Figure B-13. Tools and equipment.

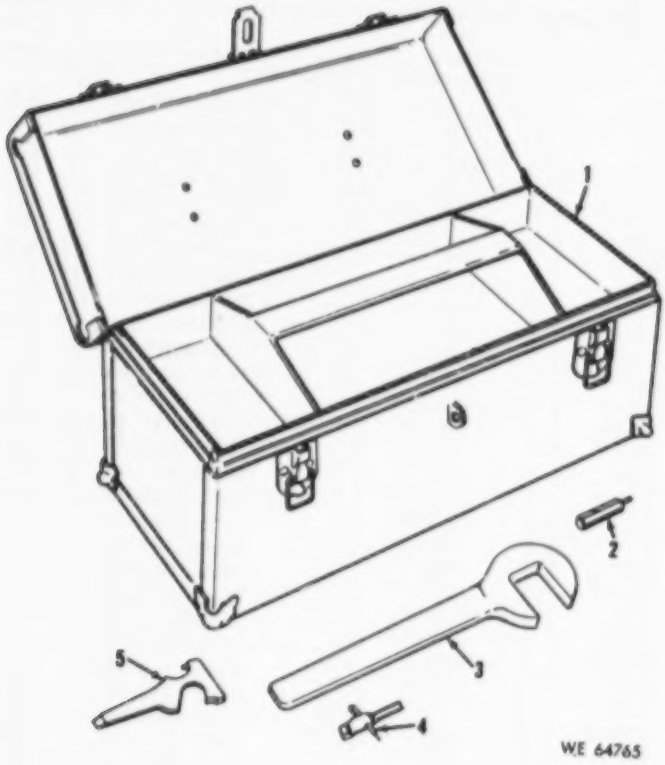


Figure B-14. Tools and equipment.

Section IV. INDEX—FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

Stock Number	Figure No.	Item No.
1005-010-5022	B-10	3
1055-209-9802	B-2	14
1005-214-0896	B-1	11
1005-300-5337	B-4	1
1005-347-4257	B-4	2
1005-501-3154	B-8	5
1005-501-3155	B-8	4
1005-501-3159	B-8	9
1005-501-3747	B-6	4
1005-502-2202	B-3	5
1005-502-2216	B-2	6
1005-502-2218	B-6	19
1005-502-2225	B-2	2
1005-502-2236	B-9	2
1005-502-2241	B-9	3
1005-502-2242	B-2	7
1005-502-2251	B-9	9
1005-515-2881	B-6	20
1005-515-3128	B-5	2
1005-515-3129	B-9	4
1005-515-3130	B-2	4
1005-515-3131	B-6	17
1005-515-3132	B-2	3
1005-515-3134	B-6	14
1005-550-6573	B-11	1
1005-550-7913	B-12	2
1005-550-9070	B-9	5
1005-550-9071	B-2	17
1005-555-9738	B-11	3
1005-556-4074	B-1	2
1005-556-4076	B-1	1
1005-556-4174	B-11	8
1005-556-4177	B-11	6
1005-556-4206	B-4	9
1005-556-4208	B-8	7
1005-556-4298	B-6	9
1005-556-4299	B-2	10
1005-600-8809	B-8	3
1005-600-8890	B-4	12
1005-601-9630	B-9	18
1005-601-9636	B-2	15
1005-601-9639	B-2	1
1005-601-9643	B-1	7
1005-601-9646	B-3	3
1005-601-9652	B-3	1
1005-601-9653	B-9	12
1005-601-9662	B-2	8
1005-601-9677	B-5	1
1005-601-9680	B-1	4
1005-601-9684	B-2	16
1005-601-9695	B-3	6
1005-601-9697	B-9	8
1005-610-8828	B-11	4
1005-614-7130	B-9	10
1005-614-7321	B-6	7
1005-614-7333	B-1	13
1005-614-7337	B-7	6
1005-614-7381	B-9	15
1005-614-7486	B-6	15
1005-614-7487	B-2	11
1005-614-7490	B-2	12
1005-614-7491	B-6	21
1005-614-7492	B-6	22
1005-614-7493	B-9	11
1005-614-7495	B-6	16
1005-614-7499	B-2	13
1005-620-1267	B-3	4
1005-650-8769	B-9	16
1005-652-8362	B-11	7
1005-653-5423	B-1	14
1005-653-5469	B-1	5
1005-714-9749	B-12	1
1005-716-2547	B-11	5
1005-722-8907	B-11	2
1005-726-6108	B-8	10
1005-726-6109	B-12	8
1005-726-6110	B-12	9
1005-726-6132	B-6	13
1005-726-6155	B-6	11
1005-731-2235	B-7	2
1005-731-2236	B-7	4
1005-731-2237	B-7	5
1005-731-2238	B-7	3
1005-731-2902	B-12	5
1005-731-3114	B-6	2
1005-731-3115	B-6	8
1005-731-3467	B-5	5
1005-731-3513	B-5	3
1005-778-0581	B-10	4
1005-793-6761	B-12	10
1005-998-9588	B-4	14
3110-100-6178	B-6	5
4933-398-4106	B-13	3
4933-398-4107	B-13	4
4933-398-4108	B-13	5
4933-508-0340	B-12	4
	B-14	4
4933-556-4343	B-13	7
4933-628-9700	B-12	6
4933-631-6001	B-13	8
4933-631-6006	B-13	1
4933-652-9950	B-12	7
4933-726-6450	B-12	3
	B-14	5
5120-631-6005	B-14	3
5140-315-2747	B-14	1
5220-507-7201	B-13	2
5220-507-7204	B-13	6
5220-710-6476	B-14	2
5305-013-4302	B-6	12
5305-501-3158	B-8	1
5305-501-3160	B-8	6
5305-501-3745	B-6	3
5305-502-2244	B-4	11
5305-502-2249	B-4	8
5305-515-2754	B-4	6
5305-515-2774	B-7	1
5305-515-3084	B-6	1

Section IV. INDEX—FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS-REFERENCE TO FIGURE AND ITEM NUMBER—Continued

Stock Number	Figure No.	Item No.
5305-515-3167	B-8	8
5305-990-6435	B-10	2
5310-013-1203	B-6	10
5310-947-3972	B-4	7
5315-058-6082	B-5	4
5315-501-3746	B-6	6
5315-502-2223	B-9	19
5315-502-2228	B-9	7
5315-502-2230	B-9	17
5315-502-2234	B-1	6
5315-502-2235	B-3	2
5315-502-2237	B-2	9
5315-502-2238	B-2	5
5315-845-4231	B-8	2
5340-502-2213	B-4	13
5365-502-2217	B-6	18

Reference No.	Mfg Code	Fig No.	Item No.
GGGT558-1	81348	B-14	1
MS 9047-103	96906	B-5	4
MS 35337-67	96906	B-6	10
MS 39086-56	96906	B-8	2
104918	24617	B-6	5
134302	24617	B-6	12
11010531	19204	B-4	14
5013154	19204	B-8	5
5013155	19204	B-8	4
5013158	00000	B-8	1
5013159	19204	B-8	9
5013160	00000	B-8	6
5013745	19205	B-6	3
5013746	00000	B-6	6
5013747	19204	B-6	4
5022202	19205	B-3	5
5022213	00000	B-4	13
5022216	19205	B-2	6
5022217	19205	B-6	18
5022218	19205	B-6	19
5022223	00000	B-9	19
5022225	19205	B-2	2
5022228	00000	B-9	7
5022230	00000	B-9	17
5022234	00000	B-1	6
5022235	00000	B-3	2
5022236	19205	B-9	2
5022237	00000	B-2	9
5022238	00000	B-2	5
5022241	19204	B-9	3
5022242	19205	B-2	7
5022244	00000	B-4	11
5022249	00000	B-4	8
5022251	19205	B-9	9
5077201	19205	B-13	2
5077204	19205	B-13	6

Reference No.	Mfg Code	Fig No.	Item No.
5152754	00000	B-4	6
5152774	19205	B-7	1
5152881	19205	B-6	20
5153084	19205	B-6	1
5153128	19205	B-5	2
5153129	19205	B-9	4
5153130	19205	B-2	4
5153131	19205	B-6	17
5153132	19205	B-2	3
5153133	19205	B-2	14
5153134	19205	B-6	14
5153167	00000	B-8	8
5506573	19204	B-11	1
5507913	19205	B-12	2
5509070	19205	B-9	5
5509071	19205	B-2	17
5509076	—	B-5	6
5509090	19204	B-3	4
5559738	19205	B-11	3
5564073	—	B-4	10
5564074	19205	B-1	2
5564076	19205	B-1	1
5564174	19204	B-11	8
5564177	19205	B-11	6
5564206	19205	B-4	9
5564208	19205	B-8	7
5564298	19205	B-6	9
5564299	19204	B-2	10
5564343	19205	B-13	7
6008809	19205	B-8	3
6008890	19205	B-4	12
6019630	19205	B-9	18
6019636	19205	B-2	15
6019639	19205	B-2	1
6019643	19205	B-1	7
6019646	19205	B-3	3
6019652	19204	B-3	1
6019653	19205	B-9	12
6019662	19205	B-2	8
6019677	19205	B-5	1
6019680	19205	B-1	4
6019684	19205	B-2	16
6019695	19205	B-3	6
6019697	19205	B-9	8
6108828	19206	B-11	4
6147130	19205	B-9	10
6147321	19205	B-6	7
6147333	19205	B-1	13
6147337	19205	B-7	6
6147381	19205	B-9	15
6147486	19205	B-6	15
6147487	19204	B-2	11
6147490	19205	B-2	12
6147491	19205	B-6	21
6147492	19205	B-6	22
6147493	19205	B-9	11
6147495	19205	B-6	16
6147499	19205	B-2	13
6316001	19205	B-13	8

Section IV. INDEX—FEDERAL STOCK NUMBER AND REFERECE NUMBER CROSS-REFERENCE TO FIGURE AND ITEM NUMBER—Continued

Reference No.	Mfg Code	Fig No.	Item No.	Reference No.	Mfg Code	Fig No.	Item No.
6316005	19204	B-14	3	7267816	—	B-4	3
6316006	19205	B-13	1	7267818	—	B-4	5
6508769	19205	B-9	16	7267819	19205	B-4	2
6523300	—	B-9	20	7267211	19205	B-12	4
6528362	19205	B-11	7			B-14	4
6535373	—	B-9	13	7312235	19205	B-7	2
6535423	19205	B-1	14	7312236	19205	B-7	4
6535469	19204	B-1	5	7312237	19205	B-7	5
6535470	—	B-2	18	7312238	19205	B-7	3
7106476	19205	B-14	2	7312902	19205	B-12	5
7149749	19204	B-12	1	7313114	19205	B-6	2
7162547	19205	B-11	5	7313115	19205	B-6	8
7162966	19205	B-1	11	7313164	19205	B-4	7
7228907	19205	B-11	2	7313467	19205	B-5	5
7265564	—	B-8	11	7313513	19205	B-5	3
7266108	19205	B-8	10	7319944	19205	B-13	3
7266109	19205	B-12	8	7319950	19205	B-13	4
7266110	19204	B-12	9	7319954	19205	B-13	5
7266115	19204	B-12	10	7790138	19205	B-12	6
7266132	19205	B-6	13	7790352	19205	B-12	7
7266155	19205	B-6	11	7790809	—	B-10	1
7266450	19205	B-12	3	7790904	19205	B-10	4
		B-14	5	7791237	19205	B-10	3
7267379	19205	B-4	1	7791415	19205	B-10	2
7267815	—	B-4	4				

By Order of the Secretary of the Army:

TM 9-1005-208-35

Official:

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The Adjutant General.

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